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INSTRUMENT APPROACH PROCEDURE CHARTS

$oldsymbol{\Lambda}$ IFR ALTERNATE AIRPORT MINIMUMS

Standard alternate minimums for non precision approaches are 800-2 (NDB, VOR, LOC, TACAN, LDA, VORTAC, VOR/DME, ASR or WAAS LNAV); for precision approaches 600-2 (ILS or PAR). Airports within this geographical area that require alternate minimums other than standard or alternate minimums with restrictions are listed below. NA - means alternate minimums are not authorized due to unmonitored facility or absence of weather reporting service. Civil pilots see FAR 91. IFR Alternate Airport Minimums: Ceiling and Visibility Minimums not applicable to USA/USN/USAF. Pilots must review the IFR Alternate Airport Minimums Notes for alternate airfield suitability.

NAME AKRON, OH AKRON-CANTON RGNL	ALTERNATEILS or LOC Rwy 191 ILS or LOC Rwy 232	NAME CINCINNATI, OH CINCINNATI MUNI-L FIELD	ILS or LOC Rwy 21L ¹²⁴ LOC BC Rwy 3R ¹³
	RADAR³ ther not received. nton approach control		NDB Rwy 21L ¹²⁴ NDB Rwy 25 ¹³⁴ RNAV (GPS) Rwy 21L ³⁴ RNAV (GPS) Rwy 25 ¹⁴⁵
closed. ANDERSON, IN ANDERSON MUNI-		1200-3.	wer closed. 00-2; Categories C,D, 0-2; Category C, 900-2½;
	NDB Rwy 30 RNAV (GPS) Rwy 30 VOR-A	Category D, 900-23	%. hther not available. Category C, 900-21/4;
NA when local weath 1NA when control to ASHTABULA, OH	her not available.	CLEVELAND, OH	T ILS or LOC Rwy 24R NDB or GPS Rwy 24R¹
,	TY RNAV (GPS) Rwy 8 RNAV (GPS Rwy 26 her not available.	NA when control tov ¹Categories A,B, 90 Category D, 900-2	wer closed. 0-2; Category C, 900-2½;
ATHENS (ALBANY), OH	CUYAHOGA COUNT	TY ILS or LOC Rwv 2412

BLOOMINGTON, IN

MONROE COUNTY ... ILS or LOC/DME Rwy 35 RNAV (GPS) Rwy 17 RNAV (GPS) Rwy 35 VOR/DME Rwy 6

VOR/DME Rwy 24

NA when local weather not available.

.... ILS or LOC Rwy 2412 LOC/DME BC Rwy 61 RNAV (GPS) Rwy 6 RNAV (GPS) Rwy 24

NA when local weather not available.

¹NA when control tower closed.

²ILS, Category D, 700-2.

COLUMBUS, IN

COLUMBUS MUNI ILS Rwy 23¹

RNAV (GPS) Rwy 5²

RNAV (GPS) Rwy 14²

RNAV (GPS) Rwy 14² RNAV (GPS) Rwy 23² RNAV (GPS) Rwy 32²

¹NA when control tower closed.

²NA when local weather not available.



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ALTERNATE MINS



66	
NAME ALTERNATE MINIMUMS COLUMBUS, OH	NAME ALTERNATE MINIMUMS EVANSVILLE, IN
BOLTON FIELD ILS or LOC Rwy 4 ¹² NDB Rwy 4 ¹²	EVANSVILLE RGNLILS or LOC Rwy 4¹ ILS or LOC Rwy 22
RNAV (GPS) Rwy 4 ²	NDB Rwy 22
¹ NA when control tower closed.	NA when control tower closed.
² NA when local weather not available.	¹ ILS, Categories A, B, 800-2; Category C, 800-
	21/4; Category D, 800-21/2. LOC, Category C,
OHIO STATE	800-21/4; Category D, 800-21/2.
UNIVERSITY ILS or LOC Rwy 9R	
NDB Rwy 9R	FINDLAY, OH
NA when control tower closed.	FINDLAY RNAV (GPS) Rwy 18
	RNAV (GPS) Rwy 25
PORT COLUMBUS INTL ILS or LOC Rwy 10L1	RNAV (GPS) Rwy 36 VOR Rwy 7
ILS or LOC Rwy 10R ²³ ILS or LOC Rwy 28L ⁴	NA when local weather not available.
¹ ILS, Categories A,B,C, 700-2; Category D,	NA WIET local weather not available.
700-2½. LOC, Category D, 800-2½.	FORT WAYNE, IN
² ILS, 700-2. LOC, NA.	FORT WAYNE INTLILS or LOC Rwy 51
³ NA when local weather not available.	ILS or LOC Rwy 321
⁴ ILS, Categories A,B,C,D, 700-2.	LOC BC Rwy 14 ¹
-	RADAR-11
RICKENBAKER INTLILS or LOC Rwy 5L	RNAV (GPS) Rwy 5 ¹³
ILS or LOC Rwy 5R	RNAV (GPS) Rwy 23 ¹³
ILS or LOC Rwy 23L	VOR or TACAN Rwy 5 ¹ VOR or TACAN Rwy 14 ¹
NDB Rwy 5R NDB Rwy 23L	VOR OF TACAN RWY 14* VOR or TACAN RWY 23*
RNAV (GPS) Rwy 5R	¹ Category E, 800-2½.
RNAV (GPS) Rwy 23L	² Category E, 800-2¼.
NA when local weather not available.	³ NA when local weather not available.
	⁴ Category D, 800-2¼, Category E, 800-2½.
DAYTON, OH	
DAYTON-	SMITH FIELD VOR Rwy 13 NA when local weather not available.
WRIGHT BROTHERS RNAV (GPS) Rwy 2 RNAV (GPS) Rwy 20	NA WHEIT local weather flot available.
NA when local weather not available.	GARY, IN
Category D, 800-21/4.	GARY/CHICAGO INTL NDB or GPS Rwy 30
category 2, 000 2/4.	NA when control tower closed.
DELAWARE, OH	
DELAWARE MUNI RNAV (GPS) Rwy 10	GOSHEN, IN
RNAV (GPS) Rwy 28	GOSHEN MUNI RNAV (GPS) Rwy 27
NA when local weather not available.	VOR Rwy 27 NA when local weather not available.
ELKHART, IN	NA WHEIT local weather flot available.
ELKHART MUNIILS or LOC Rwy 271	HAMILTON, OH
RNAV (GPS) Rwy 92	BUTLER COUNTY RGNL ILS or LOC Rwy 291
RNAV (GPS) Rwy 18 ²	RNAV (GPS) Rwy 112
RNAV (GPS) Rwy 27 ²	RNAV (GPS) Rwy 292
RNAV (GPS) Rwy 36 ²	NA when local weather not available.
VOR/DME Rwy 36 ²	¹ ILS,LOC,Categories A, B, 900-2; Category C,
VOR Rwy 9 ²	900-2½; Category D, 900-2¾.
VOR Rwy 27 ²	² Category D, 800-2¼.
¹ LOC, NA when control tower closed. ² NA when local weather not available.	HUNTINGBURG, IN
INA WHEH IDDAL WEALIEF HUL AVAIIADIE.	HUNTINGBURG RNAV (GPS) Rwy 9
	RNAV (GPS) Rwy 27
	NA when lead weather not available



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NA when local weather not available.

VOR-A

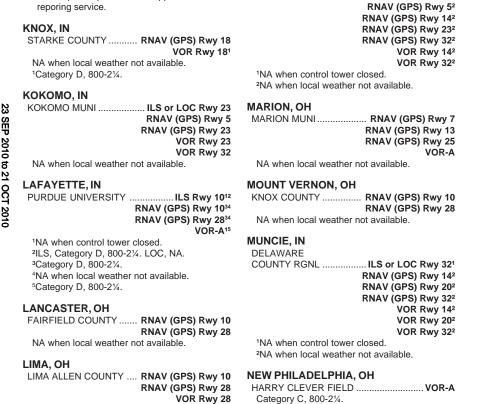
NAME

LORAIN

LOGANSPORT. IN

LORAIN/ELYRIA, OH

MANSFIELD, OH MANSFIELD





VOR -A

VOR-A

NDB Rwy 321

RADAR-11

ALTERNATE MINIMUMS

CASS COUNTY VOR/DME RNAV Rwy 27

COUNTY RGNL RNAV (GPS) Rwy 7

LAHM RGNLILS or LOC Rwy 321

NA except standard for operators with

approved weather reporting service.

NA when local weather not available.



NA when local weather not available.

ALTERNATE MINS

NA when local weather not available.

ILS, Categories A,B,C,D, 700-2.

JEFFERSONVILLE, IN

AIRPARK RNAV (GPS) Rwy 21

INDIANAPOLIS INTLILS or LOC Rwy 5L

CLARK RGNLVOR or GPS Rwy 18

NA except for operators with approved weather

INDIANAPOLIS. IN

EAGLE CREEK

ALTERNATE MINIMUMS

ILS or LOC Rwy 5R

ILS or LOC Rwy 14

ILS or LOC Rwy 23L

ILS or LOC Rwy 23R

ILS or LOC Rwy 32

10266 NAME







66			_
NAME	ALTERNATE MINIMUMS	NAME ALTER	NATE MINIMUMS
NEWARK, OH		TOLEDO, OH	
NEWARK-HEATH	H LOC Rwy 91 VOR-A2	METCALF FIELD Category C, 800-21/4; Category	•
¹ Category D, 80			
² Categories A, E 1000-3.	3, 1000-2; Categories C, D,	TOLEDO EXPRESSI	LS or LOC Rwy 7 ¹ S or LOC Rwy 25 ²³ RADAR-1 ⁴
SHELBYVILLE,	IN	RN	IAV (GPS) Rwy 724
SHELBYVILLE M	UNI RNAV (GPS) Rwy 1	RN	AV (GPS) Rwy 254
	RNAV (GPS) Rwy 19	¹ ILS, Category E, 800-2½.	
	veather not available.	² NA when local weather not a	
Category D, 800	1-21/4.	³ ILS,LOC,Category E, 800-2	V ₂ .
SOUTH BEND,	IN	⁴ Category E, 800-2½.	
,	GNL ILS or LOC Rwy 9R ¹	URBANA, OH	
OOOTH BEIND IN	ILS or LOC Rwy 27L ¹	GRIMES FIELD R	NAV (GPS) Rwv 2
	RNAV (GPS) Rwy 36 ²		IAV (GPS) Rwy 20
	VOR Rwy 181	NA when local weather not a	vailable.
¹ NA when contro	ol tower closed.		
² NA when local v	weather not available.	VALPARAISO, IN	
00000000000		PORTER COUNTY MUNI	
SPRINGFIELD,			NAV (GPS) Rwy 9 ²
SPRINGFIELD-B			AV (GPS) Rwy 18 ²
MUNI	ILS or LOC Rwy 24 ¹² RNAV (GPS) Rwy 6 ³	¹ LOC, NA.	AV (GPS) Rwy 27 ²

RNAV (GPS) Rwy 63 RNAV (GPS) Rwy 243 VOR Rwy 63

¹NA when control tower closed. 2ILS, LOC, Category E, 900-3.

³NA when local weather not available.

TERRE HAUTE, IN

23 SEP 2010 to 21 OCT 2010

TERRE HAUTE INTL-HULMAN FIELD LOC BC Rwy 231 RADAR-112 RNAV (GPS) Rwy 53 RNAV (GPS) Rwy 143 RNAV (GPS) Rwy 233 RNAV (GPS) Rwy 323

¹Category E, 800-21/4.

²NA when control tower closed.

³NA when local weather not available.

VAN WERT, OH

VAN WERT COUNTY NDB Rwy 9 RNAV (GPS) Rwy 9 RNAV (GPS) Rwy 27

NA when local weather not available.

²NA when local weather not available.

WARSAW, IN

WARSAW MUNI RNAV (GPS) Rwy 9 RNAV (GPS) Rwy 27 VOR Rwy 9 VOR Rwy 27

NA when local weather not available.





ALTERNATE MINS

NAME ALTERNATE MINIMUMS

WILMINGTON, OH

AIRBORNE AIRPARK ILS or LOC Rwy 4L14

ILS or LOC Rwy 4R12 ILS Rwy 22L12 RNAV (GPS) Rwy 22R4 VOR or GPS Rwy 4L3 VOR/DME Rwy 22R45 VOR Rwy 22R3

¹ILS, Category D, 700-2.

²NA when control tower closed except for operators with approved weather reporting service.

³NA except standard for operators with approved weather reporting service.

⁴NA when local weather not available.

⁵NA when control tower closed.

WOOSTER, OH

WAYNE COUNTY RNAV (GPS) Rwy 10 RNAV (GPS) Rwy 28 VOR Rwy 101

NA when local weather not available.

¹Category D, 800-21/4.

YOUNGSTOWN-WARREN, OH

YOUNGSTOWN-WARREN

RGNL RADAR-1 NA when Youngstown approach control closed.

ZANESVILLE, OH

23 SEP 2010 to 21 OCT 2010

ZANESVILLE MUNI VOR or GPS Rwy 41 VOR or GPS Rwy 222

¹Category D, 800-21/4.

²Categories A,B, 900-2; Categories C,D, 900-3.





RADAR INSTRUMENT APPROACH MINIMUMS

AKRON, OH Amdt. 23A, April 8, 2010 (FAA) ELEV **1228**

AKRON-CANTON RGNL

RADAR - 125.5 371.875 (EAST) 118.6 323.0 (WEST) \overline{V}

KADAK -	· 123.5 3/1.6/5 (E	A31)	110.0 323	5.U (VV	⊏31) ∀ 2 2∎				
				HAT/				HAT/	
			DA/	HATh	1		DA/	HATh.	1
	RWY GS/TCH/RPI	CAT	MDA-VIS	HAA	CEIL-VIS	CAT	MDA-VIS	HAA	CEIL-VIS
ASR	1	AB	1720 /24	511	(600-1/2)	CD	1720 /50	511	(600-1)
	5	AB	1640-1	438	(500-1)	С	1640-11/4	438	(500-11/4)
		D	1640-11/2	438	(500-11/2)				
	19	ABC	1580 /24	362	(400-1/2)	D	1580 /50	362	(400-1)
	23	ABC	1620/24	392	(400-1/2)	D	1620 /50	392	(400-1)
CIRCLIN	G	AB	1760-1	532	(600-1)	С	1760-11/2	532	(600-11/2)
		D	1780 -2	552	(600-2)				

Procedure NA when Akron-Canton approach control closed. For inoperative MALSR, increase S-1 CAT D visibility to RVR 6000, S-19 CAT D visibility to RVR to 6000, and S-23 CAT D visibility to RVR 6000.

EVANSVILLE, IN EVANSVILLE RGNL

Amdt. 6, MAY 7, 2009 (FAA)

ELEV 418

HAT/

RADAR-1 - 126.4 226.4 🔻

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				11/41/				11/1/1/	
			DA/	HATh	1		DA/	HATh	1/
	RWY GS/TCH/RPI	CAT	MDA-VIS	HAA	CEIL-VIS	CAT	MDA-VIS	HAA	CEIL-VIS
ASR	22	AB	880/24	462	(500-1/2)	С	880 /40	462	(500-3/4)
		D	880 /50	462	(500-1)				
	4	AB	880 -1	495	(500-1)	С	880-11/4	495	(500-11/4)
		D	880-11/2	495	(500-1½)				
	36	AB	880 -1	497	(500-1)	С	880-11/4	497	(500-11/4)
		D	880-11/2	497	(500-1½)				
	18	AB	880 -1	484	(500-1)	С	880-11/4	484	(500-11/4)
		D	880-11/2	484	(500-1½)				
CIRCLIN	G	Α	940-1	522	(600-1)	В	960-1	542	(600-1)
		С	960-11/2	542	(600-1½)	D	980-2	562	(600-2)

HAT/

When control tower closed, procedure NA. Visibility reduction by helicopters NA.

EC-2

RADAR INSTRUMENT APPROACH MINIMUMS

N1

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RADAR INSTRUMENT APPROACH MINIMUMS

FORT WAYNE, IN FORT WAYNE INTL RADAR - 127.2 284.6 ▼ ▲

Amdt. 25, JUL 2, 2009 (FAA)

ELEV 814

				HAT/				HAT/	
			DA/	HATh	1		DA/	HATh	1
	RWY GS/TCH/RPI	CAT	MDA-VIS	HAA	CEIL-VIS	CAT	MDA-VIS	HAA	CEIL-VIS
ASR	5	AB	1300/24	486	(500-1/2)	С	1300 /40	486	(500-3/4)
		D	1300 /50	486	(500-1)	Ε	1300 /60	486	(500-11/4)
	14	AB	1300 -1	498	(500-1)	С	1300-11/4	498	(500-11/4)
		D	1300-11/2	498	(500-11/2)	Ε	1300-13/4	498	(500-13/4)
	23	AB	1300 -1	501	(600-1)	CD	1300-11/2	501	(600-11/2)
		E	1300 -1¾	501	(600-13/4)				
	32	AB	1260/24	460	(500-1/2)	С	1260/40	460	(500-3/4)
		DE	1260 /50	460	(500-1)				
CIRCLIN	G	AB	1300-1	486	(500-1)	С	1300-11/2	486	(500-1½)
		D	1380-2	566	(600-2)	Е	1520 -2½	706	(800-21/2)

Rwy 5, for inoperative ALSF-2, increase S-5 Cat E visibility $\frac{1}{2}$ mile. Rwy 32, for inoperative MALSR, increase S-32 Cat E visibility $\frac{1}{2}$ mile. LOST COMMUNICATIONS (ALL RWYS): As directed by ATC on initial contact.

GRISSOM ARB (KGUS), IN (Peru) (06159 USAF)

ELEV 812

RADAR - Ctc APP CON - (E) 121.05 318.2 379.3

ASR ¹	RWY 5 ² 23 ³	GS/TCH/RPI	CAT AB CDE AB C DE	DA/ MDA-VIS 1180/24 1180/40 1260/24 1260/40 1260/50	HAT/ HATh/ HAA 368 368 460 460	CEIL-VIS (400-½) (400-¾) (500-½) (500-¾) (500-1)
CIR	All Rwy		AB C D E	1340-1 1340-1½ 1380-2 1440-2	528 528 568 628	(600-1) (600-1½) (600-2) (700-2)

¹No-NOTAM preventive maint sked: ASR 1200-1400Z++ Mon. ASR apch svc avbl 1200-0400Z ++dly, (contingent upon manpower and eqpt availability). ²When ALS inop, increase CAT ABC RVR to 50 and vis to 1 mile, CAT DE RVR to 60 and vis to 1½ miles. ³When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1½ miles, CAT DE vis to 1½ miles.

EC-2

RADAR INSTRUMENT APPROACH MINIMUMS

N2

ΗΔΤ/

HAT/

10266

RADAR INSTRUMENT APPROACH MINIMUMS

MANSFIELD, OH Amdt. 4A, MAY 7, 2009 (FAA) ELEV 1297
MANSFIELD LAHM RGNL

RADAR - 124.2 390.8 A

				HA I /				HAI/		
			DA/	HATh	1		DA/	HATh/	1	
	RWY GS/TCH/RPI	CAT	MDA-VIS	HAA	CEIL-VIS	CAT	MDA-VIS	HAA	CEIL-VIS	
ASR	23	AB	1700 -1	405	(500-1)	CD	1700-11/4	405	(500-11/4)	
	5	AB	1740 -1	443	(500-1)	С	1740-11/4	443	(500-11/4)	
		D	1740 -1½	443	(500-1½)					
CIRCLING	G	AB	1760-1	463	(500-1)	С	1760-11/2	463	(500-11/2)	
		D	188 0 -2	583	(600-2)					

When control tower closed, ASR NA.

TERRE HAUTE, IN Amdt. 4, MAR 22, 2001 (FAA) ELEV 589

TERRE HAUTE INTL-HULMAN FIELD

RADAR - 125.45 339.8 A

23 SEP 2010 to 21 OCT 2010

				11/41/				11017	
			DA/	HATh	1		DA/	HATh	I
	RWY GS/TCH/RPI	CAT	MDA-VIS	HAA	CEIL-VIS	CAT	MDA-VIS	HAA	CEIL-VIS
ASR	5	ABC	920/24	347	(400-1/2)	DE	920 /50	347	(400-1)
	32	ABCD	920-1	331	(400-1)	E	920-11/4	331	(400-11/4)
	23	ABC	940-1	357	(400-1)	DE	940-11/4	357	(400-11/4)
CIRCLIN	IG	A C E	1020-1 1040-1½ 1240-2¼	451	(500-1) (500-1½) (700-2¼)		1040-1 1140-2	451 551	(500-1) (600-2)

ΗΔΤ/

For inoperative MALSR, increase S-5 Category D and E visibility to RVR 6000. Circling not authorized NW of Rwys 5/23 for Category E aircraft. When control tower closed, procedure NA.

TOLEDO, OH TOLEDO EXPRESS RADAR - 134.35 317.55 ▼ 🛦

Amdt. 19A, AUG 26, 2010 (FAA) ELEV **683**

					HATh/			nai/		
				DA/				DA/	HATh/	
		RWY	GS/TCH/RPICAT	MDA-VIS	HAA	CEIL-VIS	CAT	MDA-VIS	HAA	CEIL-VIS
	ASR	25	ABC	1040-1/2	362	$(400-\frac{1}{2})$	DE	1040-1	362	(400-1)
		34	ABC	1080 -1	412	(500-1)	CD	1080-11/4	412	$(500-1\frac{1}{4})$
			E	1080-11/2	412	(500-11/2)				
		16	ABC	1060 -1	386	(400-1)	DE	1060-11/4	386	(400-11/4)
		7	ABC	1080/24	397	(400-1/2)	DE	1080 /50	397	(400-1)
CIRCLI		١G	АВ	1180 -1	497	(500-1)	С	1180-11/2	497	(500-1½)
			D	1240 -2	557	(600-2)	E	1360-21/2	677	(700-2½)

HAT/

For inoperative ALSF-2, increase S-7 CAT D visibility to RVR 6000, CAT E to 1½. For inoperative MALSR, increase S-25 CAT D/E visibility to 1½.

EC-2

RADAR INSTRUMENT APPROACH MINIMUMS

RADAR MINS

23 SEP 2010 to 21 OCT 2010

RADAR INSTRUMENT APPROACH MINIMUMS

YOUNGSTOWN-WARREN, OH Amdt. 13A, MAY 6, 2010 (FAA) ELEV 1196 YOUNGSTOWN-WARREN RGNL

RADAR - 133.95 322.3 🔻 🛕

	· -	_		HAT/				HAT/	
	DA/		HATh/			DA/ HA		\Th/	
	RWY GS/TCH/RPI	CAT	MDA-VIS	HAA	CEIL-VIS	CAT	MDA-VIS	HAA	CEIL-VIS
ASR	5	ABC	1520 -1	356	(400-1)	D	1520-11/4	356	(400-11/4)
	14	ABC	1520-1/2	386	$(400-\frac{1}{2})$	D	1520-1	386	(400-1)
	23	ABC	1580 -1	388	(400-1)	D	1580-11/4	388	(400-11/4)
	32	AB	1600/24	415	$(500-\frac{1}{2})$	С	1600 /40	415	(500-3/4)
		D	1600 /50	415	(500-1)				
CIRCLIN	G	Α	1640-1	444	(500-1)	В	1660-1	464	(500-1)
		С	1660-11/2	464	(500-11/2)	D	1760 -2	564	(600-2)

Category D S-14 visibility increased ¼ mile for inoperative MALSR. Category D S-32 visibility increased ¼ mile for inoperative MALSR.

EC-2

N4

TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

INSTRUMENT APPROACH PROCEDURE CHARTS IFR TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

Civil Airports and Selected Military Airports

ALL USERS: Airports that have Departure Procedures (DPs) designed specifically to assist pilots in avoiding obstacles during the climb to the minimum enroute altitude, and/or airports that have civil IFR take-off minimums other than standard, are listed below. Take-off Minimums and Departure Procedures apply to all runways unless otherwise specified. Altitudes, unless otherwise indicated, are minimum altitudes in MSL.

DPs specifically designed for obstacle avoidance are referred to as Obstacle Departure Procedures (ODPs) and are described below in text, or published separately as a graphic procedure. If the (Obstacle) DP is published as a graphic procedure, its name will be listed below, and it can be found in either this volume (civil), or a separate Departure Procedure volume (military), as appropriate. Users will recognize graphic obstacle DPs by the term "(OBSTACLE)" included in the procedure title; e.g., TETON TWO (OBSTACLE). If not assigned a SID or radar vector by ATC, an ODP may be flown without ATC clearance to ensure obstacle clearance.

Graphic DPs designed by ATC to standardize traffic flows, ensure aircraft separation and enhance capacity are referred to as "Standard Instrument Departures (SIDs)". SIDs also provide obstacle clearance and are published under the appropriate airport section. ATC clearance must be received prior to flying a SID.

CIVIL USERS NOTE: Title 14 Code of Federal Regulations Part 91 prescribes standard take-off rules and establishes take-off minimums for certain operators as follows: (1) Aircraft having two engines or less - one statute mile. (2) Aircraft having more than two engines - one-half statute mile. These standard minima apply in the absence of any different minima listed below.

MILITARY USERS NOTE: Civil (nonstandard) take-off minima are published below. For military takeoff minima, refer to appropriate service directives.

NAME

 8

SEP 2010 to 21 OCT 2010

TAKE-OFF MINIMUMS

AKRON, OH

AKRON-CANTON RGNL (CAK)

AMDT 5 86352 (FAA)

DEPARTURE PROCEDURE: All aircraft climb straight ahead to 1700 before proceeding on course.

AKRON FULTON INTL (AKR)

AMDT 1A 10098 (FAA)

TAKE-OFF MINIMUMS: Rwys1,7,300-1. Rwy19,300-1 or std. w/min. climb of 394' per NM to 1300. Rwy 25, 300-134 or std. w/min. climb of 265' per NM to 1400. DEPARTURE PROCEDURE: Rwy 1, climb runway

heading to 2100 before turning West. Rwy 25, climb runway heading to 2100 before turning North. NOTE: Rwy7, numerous trees, poles, roads, and terrain

points beginning 45' from DER, both sides of centerline, up to 120' AGL/1189' MSL. Rwy 19, tree 3244' from DER, 631' right of centerline, 100' AGL/1203' MSL. Rwy 25, tower 1.4 NM from DER, 216' left of centerline, 309' AGL/1342' MSL.

ANDERSON, IN

ANDERSON MUNI-DARLINGTON FIELD (AID) TAKE-OFF MINIMUMS: Rwys 18, 36, 300-1.

NAME

TAKE-OFF MINIMUMS

ASHLAND, OH

ASHLAND COUNTY (3G4) AMDT 3 10126 (FAA)

> NOTE: Rwy 1, trees beginning 61' from DER, 194' right of centerline, up to 50' AGL/1249' MSL. Rwy 19, trees beginning 5' from DER, 167' left of centerline, up to 50' AGL/1259'MSL.

ASHTABULA, OH

ASHTABULA COUNTY (HZY)

ORIG 09183 (FAA)

NOTE: Rwy 8, trees beginning 779' from DER, 34' left of centerline, up to 91' AGL/1020' MSL. Trees beginning 27' from DER, 17' right of centerline, up to 91' AGL/ 1007' MSL. Rwy 26, trees beginning 1219' from DER, 183' left of centerline, up to 99' AGL/1008' MSL. Trees beginning 1465' from DER, 406' right of centerline, up to 83' AGL/992' MSL.

$oldsymbol{ abla}$ take-off minimums and (obstacle) departure procedures $oldsymbol{ abla}$

ATHENS (ALBANY), OH

OHIO UNIVERSITY SNYDER FIELD (UNI) ORIG 10042 (FAA)

TAKE-OFF MINIMUMS: Rwy 7, 200-1 or std. w/min. climb of 310' per NM to 1000. Rwy 25, 200-1 or std. w/ min. climb of 360' per NM to 1000.

NOTE: Rwy7, trees beginning 4439' from DER, 1034' left of centerline, up to 100' AGL/933' MSL. Trees beginning 2869' from DER, 1171' right of centerline, up to 100' AGL/879' MSL. Vehicle abeam DER 451' left of centerline, 17' AGL/769' MSL. Rwy 25, trees beginning 3371'from DER, 425'left of centerline, up to 100' AGL/ 925' MSL. Trees beginning 1221' from DER, 624' right of centerline, up to 100' AGL/999' MSL.

AUBURN, IN

DE KALB COUNTY(GWB)

AMDT 1 06271 (FAA)

NOTE: Rwy 9, multiple trees beginning 428' from departure end of runway, 227' right of centerline, up to 100' AG/979' MSL. Rwy 27, multiple trees beginning 83' from departure end of runway, 207' left of centerline, up to 100' AGL/939' MSL. Multiple tree beginning 1377 from departure end of runway, 316' right of centerline, up to 100' AGL/930' MSL.

BARNESVILLE, OH

BARNESVILLE-BRADFIELD (6G5) ORIG 85297 (FAA) TAKE-OFF MINIMUMS: Rwys 9, 27, 300-1.

BEACH CITY, OH

BEACH CITY (2D7) ORIG 82245 (FAA)

SEP 2010 to 21 OCT 2010

TAKE-OFF MINIMUMS: Rwys 10, 28, 300-1.

BELLEFONTAINE, OH

BELLEFONTAINE RGNL (EDJ) ORIG 03079 (FAA)

DEPARTURE PROCEDURE: Rwy 7, climb to 2100 via heading 074° before proceeding on course.

BLOOMINGTON, IN

MONROE COUNTY (BMG)

AMDT 5 02052 (FAA)

NOTE: Rwy 6, trees 2185' from departure end of runway, 755' left of centerline, 81' AGL/967' MSL. Rwy 24, trees 2325' from departure end of runway, 830' right of centerline, 87' AGL/1019' MSL. Rwy 17, trees 854' from departure end of runway, 595' left of centerline, 67' AGL/ 862' MSL. Rwy 35, trees 2376' from departure end of runway, 905' left of centerline, 85' AGL/932' MSL.

BLUFFTON, OH

BLUFFTON (5G7)

AMDT 1 09183 (FAA)

NOTE: Rwy 5, trees beginning 975' from DER, 572' left of centerline, up to 100' AGL/949' MSL.

BOWLING GREEN, OH

WOOD COUNTY (1G0)

AMDT 3 07074 (FAA)

TAKE-OFF MINIMUMS: Rwy 18, 300-1.

NOTE: Rwy 18, building/tower 3581' from departure end of runway, 254' right of centerline, 141' AGL/841' MSL.

BRAZIL, IN

BRAZIL CLAY COUNTY (012)

TAKE-OFF MINIMUMS: Rwys 9, 27, 300-1.

BRYAN, OH

WILLIAMS COUNTY (0G6)

ORIG 10154 (FAA)

NOTE: Rwy 7, vehicles on road beginning 49' from DER, from left to right of centerline, up to 15' AGL/734' MSL. Tree 160' from DER, 323' left of centerline 30' AGL/759' MSL. Trees beginning 324' from DER, 403' right of centerline, up to 101' AGL/829' MSL, Rwv 25. vehicles on road beginning 203' from DER, from right to left of centerline, up to 15' AGL744' MSL. Pole 285' from DER, 329' right of centerline, 37' AGL/767' MSL. Trees beginning 2787' from DER, 769' right of centerline, up to 100' AGL/829' MSL.

BUCYRUS, OH

PORT BUCYRUS-CRAWFORD COUNTY (17G) AMDT 1 83048 (FAA)

TAKE-OFF MINIMUMS: Rwys 4, 9, 22, 27, 300-1.

CADIZ, OH

HARRISON COUNTY (8G6) AMDT 2 99252 (FAA)

TAKE-OFF MINIMUMS: Rwy 13,31,300-1.

CALDWELL, OH

NOBLE COUNTY (I10)

AMDT 1 97146 (FAA)

TAKE-OFF MINIMUMS: Rwy 5, 23, 400-1. DEPARTURE PROCEDURE: Rwy 23, climb runway heading to 1500 before turning.

CAMBRIDGE, OH

CAMBRIDGE MUNI (CDI)

AMDT 2 96144 (FAA)

TAKE-OFF MINIMUMS: Rwvs 4.22, 500-1 or std. with a min. climb of 350' per NM to 1500.

CARROLLTON, OH

CARROLL COUNTY-TOLSON (TSO)

AMDT 4 99140 (FAA)

TAKE-OFF MINIMUMS: Rwy7,25,300-1.

NOTE: Rwy 7, 100' AGL trees 1800' from departure end of runway, 400' left of centerline. Rwy 25, 100' AGL trees 200' from departure end of runway, 400' left of centerline.

CELINA, OH

LAKEFIELD (CQA)

AMDT 2 10042 (FAA)

NOTE: Rwy 8, trees beginning 782' from DER, 7' right of centerline, up to 100' AGL/969' MSL. Trees beginning 57' from DER, 130' left of centerline, up to 100' AGL/976' MSL. Rwy 26, vehicle 63' from DER, 469' right of centerline, 15' AGL/909' MSL. Poles beginning 127' from DER, 145' right of centerline, up to 51' AGL/941' MSL. Antenna 653' from DER, 498' right of centerline, 33' AGL/923' MSL. Trees beginning 1194' from DER, 319' right of centerline, up to 100' AGL/952' MSL.

CHILLICOTHE, OH

ROSS COUNTY (RZT)

AMDT 3 96116 (FAA)

TAKE-OFF MINIMUMS: **Rwy 23**, 400-1 or std. with min. climb of 340' per NM to 1300. **Rwy 30**, 300-1 or std. with a min. climb of 460' per NM to 1100.

DEPARTURE PROCEDURE: Rwy 5, climb runway heading to 1500 before turning right. Rwy 12, climb runway heading to 2000 before turning right. Rwy 23, climb runway heading to 1500 before turning left.

CINCINNATI, OH

CINCINNATI MUNI AIRPORT-LUNKEN FIELD (LUK)

AMDT 14 10098 (FAA)

TAKE-OFF MINIMUMS: Rwy 3L, std. w/min. climb of 392' per NM to 1000 or 400-2 w/min. climb of 213' per NM to 1400 or 1700-21/2 for climb in visual conditions. Rwy 3R, std. w/min. climb of 355' per NM to 1000 or 400-2 w/min. climb of 231' per NM to 1400 or 1700-21/2 for climb in visual conditions. Rwy 7, std. w/min. climb of 424' per NM to 1000 or 400-134 w/min.climb of 205' per NM to 1300 or 1700-21/2 for climb in visual conditions. Rwy 21L, std. w/min. climb of 413' per NM to 1100 or 600-234 w/min.climb of 228' per NM to 1300 or 1700-21/2 for climb in visual conditions. Rwy 21R, std. w/min climb of 466' per NM to 1100 or 600-3 w/min. climb of 223' per NM to 1300 or 1700-21/2 for climb in visual conditions. Rwy 25, 600-23/4 w/min.climb of 218' per NM to 1300 or 1700-21/2 for climb in visual conditions. DEPARTURE PROCEDURE: Rwy 3L, climb heading

027* to 1200 before proceeding on course. For climb in visual conditions: cross Cincinnati Muni Airport-Lunken Field at or above 2000 MSL before proceeding on course. Rwy 3R, climb heading 025° to 1400 before proceeding on course. For climb in visual conditions: cross Cincinnati Muni Airport-Lunken Field at or above 2000 MSL before proceeding on course. Rwy 7, climb heading 066° to 1300 before proceeding on course. For climb in visual conditions: cross Cincinnati Muni Airport-Lunken Field at or above 2000 MSL before proceeding on course. Rwy 21L, climb heading 205° to 1400 before proceeding on course. For climb in visual conditions: cross Cincinnati Muni Airport-Lunken Field at or above 2000 MSL before proceeding on course.

Rwy 21R, climb heading 207° to 1500 before proceeding on course. For climb in visual conditions: cross Cincinnati Muni Airport-Lunken Field at or above 2000 MSL before proceeding on course. Rwy 25, climb heading 246° to 1900 before proceeding on course. For climb in visual conditions: cross Cincinnati Muni Airport-Lunken Field at or above 2000 MSL before proceeding on course.

CINCINNATI MUNI AIRPORT-LUNKEN FIELD (CON'T)

NOTE: Rwy 3L, building and hangers beginning 305 from DER, 259' left of centerline, up to 41' AGL/521' MSL. Trees beginning 957' from DER, 144' right of centerline, up to 77' AGL/556' MSL. Trees 1.2 NM from DER, 2270' left of centerline, up to 97' AGL/866' MSL Pole 1.6 NM from DER, 320' left of centerline, 68' AGL/ 797' MSL. Rwy 3R, trees beginning 1426' from DER, 196' left of centerline, up to 68' AGL/557' MSL. Trees beginning 840' from DER, 130' right of centerline, up to 83' AGL/572' MSL. Trees 1.3 NM from DER, 2393' left of centerline, up to 97' AGL/856' MSL. Pole 1.5 NM from DER, 2062' left of centerline, 68' AGL/797' MSL. Rwy 7, trees beginning 447' from DER, 68' left of centerline, up to 87' AGL/576' MSL. Trees beginning 664' from DER, 45' right of centerline, up to 88' AGL/575' MSL. Trees 4515' from DER, 1519' right of centerline, up to 81' AGL/ 720' MSL. Trees 1.3 NM from DER, 2088' right of centerline, up to 85' AGL/824' MSL. Rwy 21R, trees beginning 1444' from DER, 203' left of centerline, up to 66' AGL/555' MSL. Trees beginning 1073' from DER, 25' right of centerline, up to 79' AGL/568' MSL. Trees 1.1 NM from DER, 2262' right of centerline, up to 86' AGL/895' MSL. Tower 2.3 NM from DER, 527' left of centerline, 168' AGL/990' MSL. Trees 2.4 NM from DER, 1847' left of centerline, up to 71' AGL/890' MSL. Rwy 21L, trees beginning 122' from DER, 63' left of centerline, up to 118' AGL/597' MSL. Trees beginning 15' from DER, 248' right of centerline, up to 82' AGL/ 571'MSL. Trees 4581'from DER, 1503'left of centerline, up to 144' AGL/723' MSL. Tower 2 NM from DER, 2027' right of centerline, 168' AGL/990' MSL. Pole 2.2 NM from DER, 281' right of centerline, 78' AGL/841' MSL. Rwy 25, sign, pole, hangars, and trees beginning 177' from DER, 13' left of centerline, up to 86' AGL/575' MSL. Road, building, poles, and trees beginning 185 from DER, 5' right of centerline, up to 73' AGL/562' MSL. Tank 1.4 NM from DER, 1755' right of centerline, 210' AGL/1046' MSL. Tower 2.6 NM from DER, 2052' left of centerline, 158' AGL/885' MSL

SEP 2010 to 21 OCT 2010

SEP 2010 to 21 OCT 2010

$\overline{f V}$ take-offminimums and (obstacle) departure procedures $\overline{f V}$

CLEVELAND, OH

BURKE-LAKEFRONT (BKL)

AMDT 4A 09155 (FAA)

TAKE-OFF MINIMUMS: Rwy 6L, 400-2 or std. w/a min. climb of 400' per NM to 1800. Rwy 6R, 400-2 or std. w/ a min. climb of 360' per NM to 1800. Rwy 24L, 300-11/2 or std. w/a min. climb of 527' per NM to 1900. Rwy 24R, 200-1 or std. w/a min. climb of 527' per NM to 1900.

DEPARTURE PROCEDURE: Rwys 6L/6R, climb via heading 065° to 1800 before proceeding on course. Rwys 24L/24R, climbing right turn via CXR VOR/DME R-272 to 1900 before proceeding on course.

NOTE: Rwy 6L, obstruction light on hangar 1127' from DER, 780' right of centerline, 47' AGL/622' MSL. Tower 5589' from DER, 1760' right of centerline, 237' AGL/857' MSL. Stacks 1.6 NM from DER, 883' right of centerline, 312' AGL/898' MSL. Rwy 6R, obstruction light on WSK 166' from DER, 241' left of centerline, 21' AGL/590' MSL. Stacks 1.8 NM from DER, 381' right of centerline, 312' AGL/898' MSL. Tower 5676' from DER, 1999' right of centerline, 108' AGL/734' MSL. Tower 1.1 NM from DER, 1258' right of centerline, 237' AGL/857' MSL. Rwy 24L, monument 1257' from DER, 10' left of centerline, 55' AGL/630' MSL, Bridge 1,1 NM from DER, 2006' left of centerline, 208' AGL/792' MSL. Antenna 227' from DER, 505' left of centerline, 37' AGL/ 608' MSL. Antenna on building 1529' from DER, 2340' left of centerline, 483' AGL/1126' MSL. Building 2805' from DER, 3340' left of centerline, 949' AGL/1603' MSL. Rwy 24R, crane 2228' from DER, 296' left of centerline, 136' AGL/707' MSL. Antenna 2783' from DER, 1155' left of centerline, 186' AGL/764' MSL. Multiple buildings 2787' from DER, 3873' left of centerline, up to 949' AGL/ 1603' MSL. Antenna on building 1529' from DER, 2839' left of centerline, 483' AGL/1126' MSL.

CLEVELAND-HOPKINS INTL (CLE) AMDT 15 08325 (FAA)

DEPARTURE PROCEDURE: Rwys 6L,6R,10, climbing left turn to intercept DJB VOR/DME R-082 to 2600 before proceeding on course.

NOTE: Rwy 10, multiple signs beginning 1237' from departure end of runway, 717' left of centerline, up to 68' AGL/857' MSL, light pole 1746' from departure end of runway, 786' right of centerline, 53' AGL/842' MSL, tower 4157' from departure end of runway, 1456' right of centerline, 137' AGL/922' MSL. Rwy 24L, multiple trees and poles beginning 1903' from departure end of runway, 5' left of centerline, up to 89' AGL/849' MSL. Rwy 24R, tower 2565' from departure end of runway, 1028' right of centerline, 191' AGL/870' MSL, multiple trees 3653' from departure end of runway, 857' left of centerline, up to 103' AGL/870'MSL. Rwy 28, vehicle on road 304' from departure end of runway, 3' left of centerline, 14' AGL/ 773' MSL. Antenna on building 308' from departure end of runway, 240' left of centerline, 13' AGL/775' MSL. Multiple trees beginning at 1046' from departure end of runway, 105' left of centerline, up to 60' AGL/819' MSL. Tower 2640' from departure end of runway, 946' right of centerline, 80' AGL/840' MSL.

CLEVELAND, OH (CON'T)

CUYAHOGA COUNTY (CGF)

ORIG 06159 (FAA)

NOTE: Rwy 6, trees beginning 2127' from departure end of runway, 975' right of centerline, up to 109' AGL/982' MSL. Tree 2595' from departure end of runway, 740' left of centerline, 93' AGL/947' MSL. Rwy 24, multiple trees beginning 755' from departure end of runway, 658' right of centerline, up to 100' AGL/948' MSL. Multiple trees beginning 1833' from departure end of runway, 681' left of centerline, up to 100' AGL/974' MSL.

COLUMBUS, IN

COLUMBUS MUNI (BAK) ORIG 08269 (FAA)

NOTE: Rwy 14, tree 1589' from departure end of runway, 306' right of centerline, 40' AGL/696' MSL.

COLUMBUS, OH

BOLTON FIELD (TZR)

ORIG 09015 (FAA)

DEPARTURE PROCEDURE: Rwy 4, climb heading 037° to 1800 before turning east.

NOTE: Rwy 4, tree 1091' from departure end of runway, 770' left of centerline, 53' AGL/959' MSL. Tree 487' from departure end of runway, 356' right of centerline, 23' AGL/929' MSL. Tree 1317' from departure end of runway, 452' right of centerline, 42' AGL/948' MSL. Tree 1307' from departure end of runway, 50' left of centerline, 36' AGL/942' MSL. Tree 1927' from departure end of runway, 135' right of centerline, 49' AGL/955' MSL. Rwy 22, tree 1273' from departure end of runway, 720' right of centerline, 40' AGL/945' MSL. Tree 712' from departure end of runway, 662' right of centerline, 25' AGL/927 MSL. Tree 1411' from departure end of runway, 658' right of centerline 33' AGL/939' MSL

PORT COLUMBUS INTL (CMH) AMDT 6 07130 (FAA)

DEPARTURE PROCEDURE: Rwvs 28L, 28R, climb heading 279° to 2700 before turning left.

NOTE: Rwy 10L, tree 1950' from departure end of runway, 908' left of centerline, 53' AGL/862' MSL. Tree 1883' from departure end of runway, 914' right of centerline, 57' AGL/866' MSL. Rwy 10R, trees 1870' from departure end of runway, 927' right of centerline, 86' AGL/877' MSL. Rwy 28L, multiple trees beginning 1398' from departure end of runway, 785' left of centerline, up to 51' AGL/870' MSL. Multiple trees beginning 2109' from departure end of runway, 1020' right of centerline, up to 75' AGL/884' MSL. Rwy 28R, multiple poles and trees beginning 1743' from departure end of runway, 625' right of centerline, up to 59' AGL/ 878'MSL.

CONNERSVILLE, IN

METTEL FIELD (CEV)

AMDT 2 06271 (FAA)

TAKE-OFF MINIMUMS: Rwys 4, 22, NA-VFR use only. DEPARTURE PROCEDURE: Rwy 18, climb via heading 185° to 1500 before proceeding on course. NOTE: Rwy 18, railroad 311' from departure end of runway, 580' left of centerline, 23' AGL/882' MSL. Multiple trees beginning 2280' from departure end of runway, 100' left of centerline, up to 113' AGL/974' MSL. Rwy 36, road 120' from departure end of runway, 301' right of centerline, 15' AGL/884' MSL. Railroad 649' from departure end of runway, 578' right of centerline, 23' AGL/892' MSL. Multiple trees beginning 3400' from departure end of runway, on centerline, up to 92' AGL/ 959' MSL.

COSHOCTON, OH

RICHARD DOWNING (140)

AMDT 1 80164 (FAA)

TAKE-OFF MINIMUMS: Rwys 4, 22, 300-1.

CRAWFORDSVILLE. IN

CRAWFORDSVILLE MU NI (CFJ) ORIG 10154 (FAA)

NOTE: Rwv 4. tree 691' from DER, 324' left of centerline, 100' AGL/889' MSL, vehicle on road, 615' from DER, 41' left of centerline, 17' AGL/816' MSL.

DAYTON, OH

SEP 2010 to 21 OCT 2010

DAYTON-WRIGHT BROTHERS (MGY)

AMDT 3 06271 (FAA)

NOTE: Rwy 2, multiple trees and road beginning 440' from departure end of runway, 257' left of centerline, up to 100' AGL/1053' MSL. Multiple trees beginning 672' from departure end of runway, 17' right of centerline, up to 100' AGL/1017' MSL. Rwy 20, multiple trees beginning 189' from departure end of runway, 494' left of centerline, up to 100' AGL/1009' MSL. Multiple poles and trees beginning 323' from departure end of runway, 364' right of centerline, up t o 100' AGL/1026' MSL.

GREENE COUNTY-LEWIS A. JACKSON RGNL (I19)

AMDT 1 07074 (FAA)

NOTE: Rwy 25, multiple trees and tower beginning 469' from departure end of runway, 499' left of centerline, up to 96' AGL/998' MSL. Multiple trees and towers beginning 839' from departure end of runway, 460' right of centerline, up to 75' AGL/1005' MSL. Rwy 7, tree 1449' from departure end of runway, 592' right of centerline, 51' AGL/988' MSL.

JAMES M. COX DAYTON INTL (DAY) AMDT 2 05020 (FAA)

TAKE-OFF MINIMUMS: Rwy 18, 300-1 or std. with a min. climb of 250' per NM to 1300'.

NOTES: Rwy 18, multiple tanks 4224' from departure end of runway, 1417' left of centerline, 173' AGL/1163' MSL.

DELAWARE, OH

DELAWARE MUNI (DLZ)

ORIG 07298 (FAA)

runway, 549' left of centerline, 23' AGL/972' MSL. Poles 561' from departure end of runway, 558' right of centerline, up to 60' AGL/1004' MSL. Trees 1180' from departure end of runway, 686' left of centerline, up to 83' AGL/1027' MSL. Tree 1288' from departure end of runway, 733' right of centerline, 61' AGL/1005' MSL. Rwy 28, rising terrain beginning 35' from departure end of runway, 189' left of centerline, 950' MSL. Poles 992' from departure end of runway, 599' left of centerline, up to 61' AGL/1005' MSL. Pole 1126' from departure end of runway, 694' right of centerline, 44' AGL/988' MSL.

Tree 1233' from departure end of runway, 742' right of

NOTE: Rwy 10, railroad 202' from departure end of

EAST LIVERPOOL, OH

COLUMBIANA COUNTY (02G)

centerline, 46' AGL/990' MSL.

AMDT 2 86296 (FAA)

TAKE-OFF MINIMUMS: Rwys 7, 25, 400-1.

ELYRIA, OH

ELYRIA (1G1)

NOTE: Rwy 9, road 1198' from departure end of runway, 275' left of centerline, 15' AGL/774' MSL. Tree 2077' from departure end of runway, 778' right of centerline, 100' AGL/859' MSL. Rwy 27, tree 68' from departure end of runway, 237' left of centerline, 100' AGL/859 MSL. Tree 527' from departure end of runway, 454' right of centerline, 100' AGL/854' MSL.

EVANSVILLE. IN

EVANSVILLE RGNL (EVV) AMDT 8 09183 (FAA)

TAKE-OFF MINIMUMS: Rwy 9, 300-1. Rwy 27, 300-13/4 or std. w/a min. climb of 402' per NM to 800. Rwy 36, 300-13/4.

DEPARTURE PROCEDURE: Rwy 22, climb heading 203° to 1300 before turning right.

NOTE: Rwy 4, multiple trees beginning 1259' from DER, 693' left of centerline, up to 100' AGL/539' MSL. Rwy 9, water tank, levee, and multiple trees beginning 268' from DER, 13' right of centerline, up to 100' AGL/609' MSL. Multiple trees beginning 2233' from DER, 375' left of centerline, up to 67' AGL/516' MSL, Rwv 18, multiple buildings and vehicles on road beginning 265' from DER, 137' right of centerline, up to 62' AGL/447' MSL. Trees, lightpole, railroad, and vehicles on road beginning 268' from DER, 10' left of centerline, up to 100' AGL/489' MSL. Rwy 22, building vent, sign, poles, and vehicles on road beginning 167' from DER, 85' right of centerline, up to 36' AGL/421' MSL. Multiple trees beginning 2753' from DER, 337' right of centerline, up to 100' AGL/519' MSL. Buildings, trees, and light poles beginning 1128' from DER, 99' left of centerline, up to 125' AGL/495' MSL. Rwy 27, multiple trees, pole, and sign beginning 385' from DER, 87' right of centerline, up to 100' AGL/489' MSL. Poles, railroad, and vehicles on road beginning 418' from DER, 3' left of centerline, up to 43' AGL/422' MSL. Multiple trees and towers beginning 861' from DER, 151' left of centerline, up to 181' AGL/649' MSL. Rwy 36, multiple trees and building beginning 1563' from DER, 481' right of centerline, up to 100' AGL/619' MSL. Multiple trees and pole beginning 1425' from DER, 112' left of centerline, up to



FINDLAY. OH

FINDLAY (FDY)

ORIG 07242 (FAA)

NOTE: Rwy7, road 210' from departure end of runway, on runway centerline, 15' AGL/824' MSL. Multiple trees beginning 210' from departure end of runway, 111' right of centerline, up to 81' AGL/885' MSL, Building 2498' from departure end of runway, 878' right of centerline, 113'AGL/921'MSL. Rwy18, tree 2786' from departure end of runway, 151' left of centerline, 72' AGL/876' MSL. Rwy 25, multiple elevators beginning 1825' from departure end of runway, 727' right of centerline, 78' AGL/869' MSL. Tree 4566' from departure end of runway, 687' right of centerline, 100' AGL/909' MSL. Rwy 36, pole 1192' from departure end of runway, 742' right of centerline, 36' AGL/835' MSL. Tree 1560' from departure end of runway, 499' left of centerline, 53' AGL/ 847'MSL.

FORT WAYNE, IN

FORT WAYNE INTL (FWA)

AMDT 2A 09127 (FAA)

DEPARTURE PROCEDURE: Rwy 32, climb runway heading to 1300' before turning left.

NOTE: Rwy 5, trees beginning 927' from DER, 499' left of centerline, 40' AGL/836' MSL. Fence 152' from DER, 521' right of centerline, 12' AGL/808' MSL. Railroad 834' from DER, 582' right of centerline, 23' AGL/820' MSL. Tree 152' from DER, 521' right of centerline, up to 42' AGL/842' MSL. Rwy 9, tower 3124' from DER, 1109' left of centerline, 111' AGL/910' MSL Rwy 14, tree 1079' from DER, 667' left of centerline, 23' AGL/825' MSL. Rwy 27, obstruction light 370' from DER, 230' left of centerline, 14' AGL/812' MSL, Rwv 32, trees beginning 3672' from DER, 611' left of centerline, up to 100' AGL/ 901'MSI

SMITH FIELD (SMD) AMDT 4 96340 (FAA)

SEP 2010 to 21 OCT 2010

TAKE-OFF MINIMUMS: Rwys 5, 13, 31, 300-1. Rwy 23, 800-21/2 or 300-1 with a min. climb of 400' per NM to 2000

DEPARTURE PROCEDURE: Rwys 5, 13, climb to 2000 on heading 090 before turning south. Rwys 23, 31, climb to 2000 on heading 270 before turning south.

FOSTORIA, OH

FOSTORIA METROPOLITAN (FZI)

AMDT 1 10154 (FAA)

NOTE: Rwy 9, trees beginning 343' from DER, 584' left of centerline, up to 74' AGL/823' MSL. Trees beginning 26' from DER, 277' right of centerline, up to 75' AGL/ 820' MSL. Rwy 27, trees beginning 938' from DER, 342' left of centerline, up to 100' AGL/859' MSL. Trees beginning 379' from DER, 444' right of centerline, up to 64' AGL/806' MSL. Building 2' from DER, 500' left of centerline, 8' AGL/758' MSL, Building 262' from DER, 523' right of centerline, 34' AGL/776' MSL. SILO 292' from DER, 376' right of centerline, 36' AGL/778' MSL. Pole 898' from DER, 413' right of centerline, 39' AGL/ 778' MSL. Power pole 961' from DER, 562' right of centerline, 48' AGL/790' MSL.

FRANKFORT.IN

FRANKFORT MUNI (FKR) ORIG 10154 (FAA)

NOTE: Rwy 4, vehicles on highway, beginning 148' from DER, left to right of centerline, 17' AGL/894' MSL. Building 442' from DER, 601' right of centerline, 40' AGL/897' MSL, Building 606' from DER, 373' left of centerline, 40' AGL/917' MSL. Plant 3169' from DER, 712' right of centerline, 87' AGL/942' MSL. Rwy 9, crops 389' from DER, left to right of centerline, 10' AGL/ 872' MSL. Rwy 22, crops 200' from DER, left to right of centerline, 10' AGL/867' MSL. Vehicles on roadway beginning 369' from DER, 583' right of centerline, 17' AGL/876' MSL. Rwy 27, crops 299' from DER, left to right of centerline, 10' AGL/867' MSL. Vehicles on roadway 743' from DER, left and right of centerline, 17' AGL/876'MSL.

FREMONT, OH

FREMONT (14G) AMDT 2 09295

> TAKE-OFF MINIMUMS: Rwys 18,36, NA-Environmental.

NOTE: Rwy 9, train 268' from DER, 516' right of centerline, 23' AGL/677' MSL. Trees beginning 3269' from DER, 1265' right of centerline, up to 100' AGL/754' MSL. Multiple trees and buildings beginning 320' from DER, left and right of centerline, up to 100' AGL/749' MSL. Rwy 27, road 65' from DER, 4' right of centerline, 15' AGL/669' MSL. Trees beginning 2230' from DER, 834' left of centerline, up to 100' AGL/754' MSL.

FRENCH LICK, IN

FRENCH LICK MUNI (FRH)

ORIG 08101 (FAA)

NOTE: Rwy 8, Terrain 59' from departure end of runway, 86' left of centerline, 0' AGL/799' MSL. Trees beginning 184' from departure end of runway, 391' left of centerline, up to 100' AGL/889' MSL. Trees beginning 215' from departure end of runway, 148' right of centerline, up to 100' AGL/849' MSL. Rwy 26, Trees beginning 429' from departure end of runway, 90' left of centerline, up to 100' AGL/849' MSL. Trees beginning 580' from departure end of runway, 57' right of centerline, up to 100' AGL/

GALLIPOLIS. OH

GALLIA-MEIGS RGNL (GAS) AMDT 2A 07270 (FAA)

TAKE-OFF MINIMUMS: Rwy 5, 500-1. Rwy 23, 800-3 or std. w/min. climb of 331' per NM to 1700.

DEPARTURE PROCEDURE: Rwy 5, climb straight ahead to 2100 before proceeding on course. Rwy 23, climb via 215° track to 1500 before proceeding

on course. GARY, IN

GARY/CHICAGO INTL (GYY) AMDT 6 97310 (FAA)

TAKE-OFF MINIMUMS: Rwy 2, 300-1 or std. with a min. climb of 250' per NM to 900. Rwy 30, 300-1.

DEPARTURE PROCEDURE: Rwy 12, climb to 1200 before proceeding on course. Rwy 20, climb to 1200 on heading 220° before proceeding on course.

 $\overline{f V}$ take-offminimums and (obstacle) departure procedures $\overline{f V}$

GEORGETOWN, OH

BROWN COUNTY (GEO)

AMDT 2 10238 (FAA)

NOTE: Rwy 18, vehicle on road beginning 430' from DER, 116' right of centerline, up to 15' AGL/974' MSL. Vehicle on road beginning 400' from DER, 155' left of centerline, up to 15' AGL/974' MSL. Rwy 36, trees 328' from DER, 232' right of centerline, up to 100' AGL/1059' MSL. Trees 301' from DER, 452' left of centerline, up to 100' AGL, 1069' MSL.

GOSHEN, IN

GOSHEN MUNI (GSH)

ORIG 08157 (FAA)

NOTE: Rwy 5, Transmission tower, 4050' from departure end of runway, 1247' right of centerline, 116' AGL/941' MSL. Rwy 9, Post 42' from departure end of runway 251' right of centerline, 12' AGL/831' MSL. Pole 1030' from departure end of runway, 619' right of centerline, 37' AGL/862' MSL. Pole 986' from departure end of runway, 465' left of centerline, 30' AGL/855' MSL. Trees beginning 2493' from departure end of runway, 515' left of centerline, up to 100' AGL/966' MSL. Rwy 23, Daymarker 95' from departure end of runway, 85' right of centerline, 4' AGL/818' MSL. Terrain 3' from departure end of runway, 42' left of centerline, 0' AGL/821' MSL, Sign 47' from departure end of runway, 500' left of centerline, 3' AGL/822' MSL. Terrain 61' from departure end of runway, 418' left of centerline, 0' AGL/821' MSL. Road & vehicle 933' from departure end of runway, 736' left of centerline, 17' AGL/841' MSL. Rwy 27, Trees beginning 2173' from departure end of runway, 210' right of centerline, up to 100' AGL/914' MSL. Trees beginning 2072' from departure end of runway, 124' left of centerline, up to 100' AGL/914' MSL.

GREENCASTLE, IN

SEP 2010 to 21 OCT 2010

PUTNAM COUNTY (417) ORIG 08045 (FAA)

NOTE: Rwy 18, Road and vehicle 365' from departure end of runway, 577' right of centerline, 23' AGL/832' MSL. Pole 598' from departure end of runway, 374' right of centerline, 27' AGL/836' MSL. Pole 640' from departure end of runway, 423' right of centerline, 28' AGL/837' MSL. Building 773' from departure end of runway, 525' right of centerline, 32' AGL/841' MSL. Trees beginning 554' from departure end of runway, 428' right of centerline, up to 100' AGL/899' MSL. Fence 128' from departure end of runway, 306' left of centerline, 13'AGL/822'MSL. Fence 214' from departure end of runway, 307' left of centerline, 16'AGL/825'MSL. Trees beginning 901' from departure end of runway, 277' left of centerline, up to 100' AGL/865' MSL. Rwy 36, Terrain beginning 5' from departure end of runway, 85' right of centerline, 0' AGL/854' MSL. STPL 1836' from departure end of runway, 310' right of centerline 45' AGL/894' MSL. Trees beginning 658' from departure end of runway, 115' right of centerline, up to 100' AGL/ 959' MSL. Antenna on building 2725' from departure end of runway, 18' left of centerline, 64' AGL/913' MSL. Trees beginning 30' from departure end of runway, 250' left of centerline, up to 100' AGL/949' MSL.

GREENSBURG, IN

GREENSBURG MUNI (134) AMDT 1A 09099 (FAA)

TAKE-OFF MINIMUMS: Rwy 36, 300-1.

GRIFFITH, IN

GRIFFITH - MERRILLVILLE (05C) AMDT 4 07074 (FAA)

TAKE-OFF MINIMUMS: Rwy 8, 300-1 or std. w/min. climb of 502' per NM to 1000.

NOTE: Rwy 8, multiple trees, and poles beginning 5' from departure end of runway, 165' left of centerline, up to 100' AGL/744' MSL. Tower 4170' from departure end of runway, 1386' left of centerline, 259' AGL/900' MSL. Multiple trees, and poles beginning 125' from departure end of runway, 68' right of centerline, up to 100' AGL/744' MSL. Rwy 26, multiple poles, trees, and building beginning 146' from departure end of runway, 21' right of centerline, up to 100' AGL/744' MSL. Multiple trees, and poles beginning 25' from departure end of runway. 84' left of centerline, up to 100' AGL/744' MSL.

HAMILTON, OH

BUTLER COUNTY RGNL (HAO)

AMDT 3 03191 (FAA)

TAKE-OFF MINIMUMS: Rwy 11, 800-3 or std. with a min. climb of 230' per NM to 1600. Rwy 29, 300-1 or std. with a min. climb of 420' per NM to 900.

DEPARTURE PROCEDURE: Rwy 11, climb to 1700 via heading 110° before turning on course. Rwy 29, climb to 1700 via heading 290° before turning on course.

NOTE: Rwy 11, trees 2670' from departure end of runway, 1200' left of centerline, 100' AGL/757' MSL. Rwy 29, trees 3692' from departure end of runway, 1328' right of centerline, 100' AGL/835' MSL.

HARRISON, OH

CINCINNATI WEST (167)

AMDT 2 07186 (FAA)

TAKE-OFF MINIMUMS: Rwy 1, 500-3 or std. w/min. climb of 385' per NM to 1200. Rwys 9, 27, NAobstacles. Rwy 19, 500-3 or std. w/min. climb of 253' per NM to 1300.

NOTE: Rwy 1, multiple trees beginning 5364' from departure end of runway, 180' right of centerline, up to 100' AGL/915' MSL. Multiple trees beginning 5596' from departure end of runway, 1180' left of centerline up to 100' AGL/909' MSL. Multiple trees beginning 1.5 NM from departure end of runway, 2293' left of centerline, up to 200' AGL/849' MSL. Rwy 19, road 23' from departure end of runway, on centerline, 15' AGL/599' MSL.

HILLSBORO.OH

HIGHLAND COUNTY (HOC) AMDT 2 91150 (FAA) TAKE-OFF MINIMUMS: Rwys 5, 23, 300-1.

HUNTINGBURG, IN

HUNTINGBURG (HNB) TAKE-OFF MINIMUMS: Rwy 9, 300-1.

HUNTINGTON, IN

HUNTINGTON MUNI (HHG) AMDT 187183 (FAA) TAKE-OFF MINIMUMS: Rwy 9, 400-1.

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SEP 2010 to 21 OCT 2010

INDIANAPOLIS, IN

EAGLE CREEK AIRPARK (EYE) AMDT 1 08325 (FAA)

DEPARTURE PROCEDURE: **Rwy 3**, climb heading 360° to 2000 before turning right.

NOTE: Rwy 3, antenna on building 859' from departure end of runway, 524' right of centerline, 37' AGL/851 MSL. Pole 507' from departure end of runway, 631' left of centerline, 36' AGL/860' MSL. Trees beginning 2014' from departure end of runway, 583' left of centerline, up to 85' AGL/904' MSL. Rwy 21, trees beginning 677' from departure end of runway, 267' right of centerline, up to 87' AGL/901' MSL. Vehicle/ road 310' from departure end of runway, 398' right of centerline, 19' AGL/833' MSL. Trees beginning 1383' from departure end of runway, 57' left of centerline, up to 90' AGL/904' MSL. Airport beacon 10' from departure end of runway, 464' left of centerline, 58' AGL/867' MSL. Flagpole 167' from departure end of runway, 385' left of centerline, 29' AGL/848' MSL Poles beginning 694' from departure end of runway, 451' left of centerline, up to 40' AGL/849' MSL. Antennas on buildings beginning 363' from departure end of runway, 258' left of centerline, 9' AGL/828' MSL.

GREENWOOD MUNI (HFY) AMDT 2 07186 (FAA)

TAKE-OFF MINIMUMS: **Rwy 19**, 300-1 or std. w/ min. climb of 441' per NM to 1200.

DEPARTURE PROCEDURE: **Rwy 1**, climb heading 010° to 1500 before turning right.

NOTE: **Rwy 1**, hangar 71' from departure end of

runway, 499' left of centerline, 25' AGL/839' MSL Pole 869' from departure end of runway, 627' left of centerline, 45' AGL/864' MSL. Multiple trees beginning 1274' from departure end of runway, 394' left of centerline, up to 85' AGL/899' MSL. Building 558' from departure end of runway, 409' right of centerline, 35' AGL/858' MSL. Multiple light poles beginning 1262' from departure end of runway, 482' right of centerline, up to 35' AGL/860' MSL. Multiple trees beginning 2536' from departure end of runway, 375' right of centerline, up to 77' AGL/898' MSL. Rwy 19, multiple trees beginning 1168' from departure end of runway, 288' left of centerline, up to 57' AGL/914' MSL. Multiple trees beginning 1577' from departure end of runway, 379' right of centerline, up to 96' AGL/ 923' MSL. Water tower 4222' from departure end of runway, 25' right of centerline, 114' AGL/971' MSL. Tank 4134' from departure end of runway, 71' right of centerline, 120'AGL/985'MSL.

HENRICKS COUNTY-GORDON GRAHAM FLD (2R2)

ORIG 08157 (FAA)

NOTE: Rwy18, Pole 746' from departure end of runway, on centerline, 60' AGL/919' MSL, trees 2091' from departure end of runway, 625' left of centerline, 100' AGL/949' MSL. Rwy36, Trees 1302' from departure MSL. Tree 3529' from departure end of runway, 788' right of centerline, 100' AGL/1009' MSL. Tree 5244' from departure end of runway, 1005' left of centerline, 100' AGL/1029' MSL.

INDIANAPOLIS, IN (CON'T)

INDIANAPOLIS EXECUTIVE (TYQ) ORIG 08269 (FAA)

NOTE: Rwy 18, trees beginning 1452' from departure end of runway, 204' left of centerline, up to 53' AGL/ 972' MSL. Rwy 36, multiple hangers beginning 596' from departure end of runway, 356' left of centerline, up to 45' AGL/975' MSL, trees 2374' from departure end of runway, 641' left to right of centerline, 100' AGL/1019' MSL.

INDIANAPOLIS INTL (IND) ORIG 07018 (FAA)

NOTES: Rwy 5R, tower 3756' from departure end of runway, 1048' left of centerline, 111' AGL/901' MSL. Rod on obstruction light dome 3765' from departure end of runway, 1076' left of centerline, 107' AGL/901' MSL. Rwy 5L, rod on obstruction light MCWV tower 5052' from departure end of runway, 140' right of centerline, 129' AGL/923' MSL. Tower 5073' from departure end of runway, 93' right of centerline, 128'AGL/923'MSL. Rwy 23R, tree 5159' from departure end of runway, 1144' right of centerline, 101' AGL/870' MSL. Tree 3295' from departure end of runway, 948' right of centerline, 78' AGL/822' MSL. Rwy 32, antenna 2370' from departure end of runway, 755' right of centerline, 70' AGL/849' MSL. Tree 2244' from departure end of runway, 707' right of centerline, 66' AGL/845' MSL.

INDIANAPOLIS METROPOLITAN (UMP) AMDT 2 92281 (FAA)

TAKE-OFF MINIMUMS: Rwys 15, 33, 300-1.
DEPARTURE PROCEDURE: Rwys 15, 33, climb on runway heading to 1400 before turning westbound.

MOUNT COMFORT (MQJ) AMDT 1 84243 (FAA)

DEPARTURE PROCEDURE: **Rwy 25**, climb to 2000 on a 270° heading before turning south.

JACKSON, OH

JAMES A. RHODES (I43) AMDT 4 07354 (FAA)

TAKE-OFF MINIMUMS: **Rwy 1**, 300-2. **Rwy 19**, 300-

DEPARTURE PROCEDURE: **Rwy 1**, climb heading 010° to 1500 before turning left.

NOTE: Rwy 1, car on road 475' from departure end of runway, on centerline, 15' AGL/754' MSL. Trees 2570' from departure end of runway, 613' left of centerline, 100' AGL/936' MSL. Trees 2810' from departure end of runway, 1243' left of centerline, 100' AGL/989' MSL. Trees 1.1 NM from departure end of runway, 1355' right of centerline, 100' AGL/949' MSL. Tank 1.4 NM from departure end of runway, 1870' left of centerline, 112' AGL/1008' MSL. Rising terrain beginning 1320' from departure end of runway, 316' left of centerline, up to 889' MSL, Rwy 19, pole 1137' from departure end of runway, 114' left of centerline, 39' AGL/779' MSL. Trees 1869' from departure end of runway, 138' right of centerline, 100' AGL/840' MSL. Trees 2349' from departure end of runway, 103' right of centerline, 100' AGL/899' MSL, Rising terrain beginning 386' from departure end of runway, 587' right of centerline, up to 989' MSL.

$\overline{f V}$ take-off minimums and (obstacle) departure procedures $\overline{f V}$

JEFFERSONVILLE.IN

CLARK RGNL (JVY)

AMDT 2 10266 (FAA)

DEPARTURE PROCEDURE: Rwy 14, climb heading 140° to 1300 before turning west. Rwy 18, climb heading 182° to 1500 before turning west. Rwy 32, climb heading 335° to 1900 before turning west. Rwy 36, climb heading 002° to 1600 before turning west. NOTE: Rwy 14, sign 22' from DER, 88' right of centerline, 22' AGL/465' MSL. Tree 262' from DER, 361' left of centerline, 77' AGL/527' MSL. Trees beginning 499' from DER, 175' left of centerline, up to 93' AGL/543' MSL. Trees beginning 596' from DER, 175' right of centerline, up to 96' AGL/536' MSL. Transmission tower and tree beginning 1668' from DER, 306' left of centerline, up to 89' AGL/569' MSL. Tree and transmission towers 1942' from DER, 98' right of centerline, 145' AGL/603' MSL. Rwy 18, tree 262' from DER, 524' left of centerline, 60' AGL/490' MSL. Trees beginning 301' from DER, 474' right of centerline, up to 65' AGL/495' MSL. Trees and transmission towers beginning 626' from DER, 105' left of centerline, up to 146' AGL/605' MSL. Trees and light pole beginning 764' from DER, 154' right of centerline, up to 150' AGL/603' MSL. Trees beginning 1375' from DER, 35' left of centerline, up to 121' AGL/551' MSL, Trees beginning 1720' from DER, 28' right of centerline, up to 99' AGL/ 559' MSL. Transmission towers and catenary beginning 4640' from DER, up to 120' AGL/600' MSL. Rwy 32, sign 19' from DER, 87' left of centerline, 14' AGL/474' MSL. Trees beginning 192' from DER, 324' right of centerline, up to 76' AGL/546' MSL. Tree 385' from DER, 269' left of centerline, 61' AGL/531' MSL. Building 559' from DER, 165' right of centerline, 25' AGL/485' MSL. Pole and tree 1026' from DER, 25' left of centerline, up to 47' AGL/507' MSL. Tree 1053' from DER, 510' left of centerline, 90' AGL/560' MSL. Tree

KENDALLVILLE, IN

SEP 2010 to 21 OCT 2010

KENDALLVILLE MUNI (C62)

centerline, 73' AGL/533' MSL.

AMDT 2 86016 (FAA)

DEPARTURE PROCEDURE: Rwvs 10.28. climb runwav heading to 1500 before turning south.

2052' from DER, 12' left of centerline, 99' AGL/569'

MSL. Rwv 36, tree 1736' from DER, 909' right of

KENTLAND, IN

KENTLAND MUNI (50I)

ORIG 88322 (FAA)

TAKE-OFF MINIMUMS: Rwy 27, 400-1.

DEPARTURE PROCEDURE: Rwy 27, turn left as soon as practicable; climb to 1000' on 240° heading before proceeding on course.

KENTON, OH

HARDIN COUNTY (195) AMDT 2 83342 (FAA)

TAKE-OFF MINIMUMS: Rwys 4, 22, 300-1.

KNOX, IN

STARKE COUNTY (OXI)

ORIG 08269 (FAA)

TAKE-OFF MINIMUMS: Rwys 9, 27, NA-Environmental. NOTE: Rwy 36, tree 1234' from departure end of runway, 477' left of centerline, 35' AGL/715' MSL.

Rwy 18, trees beginning 2442' from departure end of runway, 135' right of centerline, up to 86' AGL/769' MSL. Tree 21' from departure end of runway, 449' left of centerline, 5' AGL/668' MSL.

KOKOMO, IN

KOKOMO MUNI (OKK)

ORIG 10210 (FAA)

NOTE: Rwy 5, trees beginning 501' from DER, 362' right of centerline, up to 41' AGL/870' MSL. Silo and trees beginning 639' from DER, 457' left of centerline, up to 52' AGL/881' MSL. Rwy 14, trees, bushes and silo beginning 7' from DER, 196' left of centerline, up to 51' AGL/890' MSL. Rwy 23, sign, pole, trees and road beginning 22' from DER, 7' right of centerline, up to 66' AGL/905' MSL. Rwy 32, hangar and pole beginning 153' from DER, 490' right of centerline, up to 23' AGL/ 852' MSL. Trees and silo beginning 949' from DER, 279' left of centerline, up to 51' AGL/877' MSL.

LA PORTE, IN

LA PORTE MUNI (PPO)

AMDT 2 07186 (FAA)

NOTE: Rwy 14, power line beginning 4937' from departure end of runway, 670' right of centerline, 150' AGL/934' MSL. Rwy 20, power line beginning 3978' from departure end of runway, 1566' left of centerline, 150' AGL/959' MSL.

LAFAYETTE, IN

PURDUE UNIVERSITY (LAF) AMDT 1 07130 (FAA)

TAKE-OFF MINIMUMS: Rwv 5.300-11/4 or std. w/min. climb of 342' per NM to 1000. Rwy 23, 400-214 or std. w/ min. climb of 220' per NM to 1100.

NOTE: Rwy 5, multiple trees and buildings beginning 290' from departure end of runway, 33' right of centerline, up to 167' AGL/782' MSL. Multiple trees, buildings, and antennas beginning 45' from departure end of runway, 25' left of centerline, up to 227' AGL/850' MSL. Rwy 10, multiple trees beginning 1230' from departure end of runway, 394' right of centerline, up to 80' AGL/639' MSL. Antenna 258' from departure end of runway, 323' left of centerline, 14' AGL/613' MSL. Rwy 23, rod on obstruction light tower 1.9 NM from departure end of runway, 272' left of centerline, 314' AGL/915' MSL. Tree 90' from departure end of runway, 235' left of centerline, 34' AGL/613' MSL. Rwy 28, multiple trees beginning 397' from departure end of runway, 461' left of centerline, up to 57' AGL/656' MSL. Tree 3382' from departure end of runway, 973' right of centerline, 68' AGL/697' MSL.

LANCASTER, OH

FAIRFIELD COUNTY (LHQ) AMDT 1 90347 (FAA)

TAKE-OFF MINIMUMS: Rwy 10, 400-1. Rwy 28, 300-1.

$oldsymbol{\overline{V}}$ take-offminimums and (obstacle) departure procedures $oldsymbol{\overline{V}}$

10266

LIMA, OH

LIMA ALLEN COUNTY (AOH)

AMDT 1 10042 (FAA)

TAKE-OFF MINIMUMS: Rwys 14, 32, NA-

Environmental.

NOTE: Rwy 10, bush beginning 162' from DER, 310' right of centerline, up to 4' AGL/983' MSL. Rwy 28, multiple trees beginning 1343' from DER, 160' right of centerline, up to 71' AGL/1015' MSL.

LOGANSPORT, IN

LOGANSPORT/CASS COUNTY (GGP)

ORIG 07186 (FAA)

NOTE: Rwy 9, transmission pole 426' from departure end of runway, 486' left of centerline, 30' AGL/768' MSL. Transmission pole 432' from departure end of runway, 457' right of centerline, 30' AGL/768' MSL. Pole 427' from departure end of runway, 285' left of centerline, 29' AGL/767' MSL. Pole 427' from departure end of runway, 283' right of centerline, 29' AGL/767' MSL. Road with vehicle 448' from departure end of runway, on runway centerline, 15' AGL/751' MSL. Road with vehicle 450' from departure end of runway, 419' right of centerline, 15' AGL/751' MSL. Road with vehicle 447' from departure end of runway, 416' left of centerline, 15' AGL/750' MSL.

LONDON, OH

MADISON COUNTY (UYF)
ORIG 90347 (FAA)
TAKE-OFF MINIMUMS: Rwy 27, 300-1.

LORAIN/ELYRIA, OH

LORAIN COUNTY RGNL (LPR)

ORIG 06159 (FAA)

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NOTE: Rwy 7, multiple trees beginning 973' from departure end of runway, 233' right of centerline, up to 75' AGL/865' MSL. Multiple trees beginning 839' from departure end of runway, 636' left of centerline, up to 47' AGL/836' MSL. Rwy 25, bush 583' from departure end of runway, 468' right of centerline, 10' AGL/809' MSL. Tree 1587' from departure end of runway, 698' left of centerline, 44' AGL/838' MSL. Tree 2277' from departure end of runway, 435' right of centerline, 58' AGL/854' MSL.

LOWELL. IN

LOWELL (C97)

ORIG 82357 (FAA)

TAKE-OFF MINIMUMS: Rwy 36, 300-1.

MADISON, IN

MADISON MUNI (IMS)

AMDT 2 08213(FAA)

NOTE: Rwy 3, Vehicle on road 625' from departure end of runway, on centerline, 15' AGL/944' MSL. Antenna on building and trees beginning 170' from departure end of runway, 432' left of centerline, up to 85' AGL/904' MSL. Poles and trees beginning 526' from departure end of runway, 64' right of centerline, up to 130' AGL/959' MSL. Rwy 21, Vehicle on road 575' from departure end of runway, on centerline, 15' AGL/824' MSL. Trees and poles beginning 285' from departure end of runway, 16' left of centerline, up to 157' AGL/947' MSL. Trees and pole beginning 116' from departure end of runway, 1' right of centerline, up to 123' AGL/912' MSL.

MANSFIELD, OH

MANSFIELD LAHM RGNL (MFD)

ORIG 09071 (FAA)

NOTE: Rwy 5, trees 1337' from DER, 209' right of centerline, 78' AGL/1318' MSL. Trees 1494' from DER, 410' left of centerline, 80' AGL/1330' MSL. Rwy 32, trees 2399' from DER, 868' right of centerline, 90' AGL/1310' MSL.

MARION, IN

MARION MUNI (MZZ)

ORIG 02164 (FAA)

NOTE: Rwy 4, trees 938' from departure end of runway, 696' right of centerline, 67' AGL/914' MSL. Rwy 15, trees 627' from departure end of runway, 263' right of centerline, 82' AGL/929' MSL. Rwy 22, trees 1144' from departure end of runway, 783' left of centerline, 89' AGL/936' MSL. Rwy 33, trees 1005' from departure end of runway, 728' left of centerline, 99' AGL/946' MSL.

MARION, OH

MARION MUNI (MNN)

ORIG 07242 (FAA)

DEPARTURE PROCEDURE: **Rwy 25**, climb heading 245° to 1600 before turning right.

NOTE: Rwy7, trees 3283' from departure end of runway, 273' left of centerline, up to 89' AGL/1088' MSL. Multipletrees beginning 36' from departure end of runway, 280' right of centerline, up to 43' AGL/1033' MSL. Rwy13, trees 512' from departure end of runway,

277'left of centerline, up to 100' AGL/1089' MSL. Road 491' from departure end of runway, 15' AGL/1004' MSL. Rwy 25, obstruction light on antenna 419' from departure end of runway, 407' left of centerline, up to 13' AGL/1008' MSL. Road 434' from departure end of runway, 15' AGL/1004' MSL. Rwy 31, trees 2186' from departure end of runway, up to 100' AGL/1089' MSL. Road 355' from departure end of runway, 485' left of centerline, 15' AGL/1004' MSL.

MARYSVILLE, OH

UNION COUNTY (MRT)

AMDT 2 89320 (FAA)

TAKE-OFF MINIMUMS: Rwy 9, 300-1.

MEDINA, OH

MEDINA MUNI (1G5)

AMDT 3 06159 (FAA)

NOTE: Rwy1, multiple trees beginning 562' from departure end of runway, 588' left of centerline, up to 100' AGL/1279' MSL. Multiple trees beginning 1925' from departure end of runway, on centerline, up to 100' AGL/1319' MSL. Rwy9, multiple trees beginning 305' from departure end of runway, 386' right of centerline, up to 100' AGL/1249' MSL, tower 3627' from departure end of runway, 534' left of centerline, 150' AGL/1282' MSL. Rwy19, multiple trees beginning at departure end of runway, 112' left of centerline, up to 100' AGL/1249' MSL. Rwy27, multiple trees beginning at departure end of runway, 345' left of centerline, up to 100' AGL/1319' MSL, multiple trees beginning at departure end of runway, 366' right of centerline, up to 100' AGL/1279' MSL.

MICHIGAN CITY, IN

MICHIGAN CITY MUNI (MGC) AMDT 2 10266 (FAA)

DEPARTURE PROCEDURE: Rwy 20, climb heading

203° to 1200 before turning left.

NOTE: Rwy 2, vehicle on road beginning 97' from DER, 191'left of centerline, up to 15' AGL/654' MSL. Vehicle on road 374' from DER, 555' right of centerline, 15' AGL/674' MSL. Trees beginning 169' from DER, left and right of centerline, up to 50' AGL/709' MSL. Rwy 20, trees beginning at DER, 181' right of centerline, up to 50' AGL/709' MSL. Vehicles on road 208' from DER, left and right of centerline, 17' AGL/676' MSL. Trees beginning 1418' from DER, left and right of centerline, up to 50' AGL/719' MSL.

MIDDLEFIELD. OH

GEAUGA COUNTY (7G8)

AMDT 3 06159 (FAA)

NOTE: Rwy 11, railroad 331' from departure end of runway, 315' left of centerline, 23' AGL/1182' MSL. Trees 3144' from departure end of runway, 671' left of centerline, 100' AGL/1249' MSL. Rwy 29, railroad 349' from departure end of runway, 521' left of centerline, 23' AGL/1212' MSL. Multiple buildings 993' from departure end of runway, 294' right of centerline, 40' AGL/1239' MSL. Trees 1875' from departure end of runway, 791' right of centerline, 100' AGI/1319' MSL. Tank 2251' from departure end of runway, 578' right of centerline, 125' AGL/1315' MSL

MIDDLETOWN, OH

MIDDLETOWN RGNL/HOOK FIELD (MWO) AMDT 1 09295(FAA)

TAKE-OFF MINIMUMS: Rwys 8, 23, 300-1.

Rwy 26, 400-1.

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DEPARTURE PROCEDURE: Rwys 5, 8, 23, 26, climb on runway heading to 1700' before proceeding on

MILLERSBURG, OH

HOLMES COUNTY (10G)

AMDT 1 10154 (FAA)

TAKE-OFF MINIMUMS: Rwys 9, 27, 300-1.

NOTE: Rwy 9, trees beginning 520' from DER, 4' right of centerline, up to 80' AGL/1239' MSL. Rwy 27, pole 507' from DER, 251' right of centerline, 34' AGL/1251' MSL.

MONTICELLO, IN

WHITE COUNTY (MCX)

AMDT 2 85101 (FAA)

TAKE-OFF MINIMUMS: Rwy 36, 600-1 or std. with a min. climb of 250' per NM to 1300.

MT. GILEAD, OH

MORROW COUNTY (419)

AMDT 183048

TAKE-OFF MINIMUMS: Rwys 10, 28, 300-1.

MT. VERNON, OH

KNOX COUNTY (413)

ORIG 09015 (FAA)

NOTE: Rwy 28, trees 2121' from departure end of runway, 361' right of centerline, 47' AGL/1246' MSL

MUNCIE, IN

DELAWARE COUNTYRGNL (MIE)

AMDT 3 06271 (FAA)

NOTE: Rwy 2, multiple trees beginning 888' from departure end of runway, 412' right of centerline, up to 47' AGL/980' MSL. Tree and towers beginning 2554' from departure end of runway, 46' left of centerline, up to 113' AGL/1046' MSL. Rwy 14, tree 2061' from departure end of runway, 1004' right of centerline, 69' AGL/1005' MSL. Rwy 20, tree 1463' from departure end of runway, 564' left of centerline, 82' AGL/1019' MSL. Multiple trees beginning 1119' from departure end of runway, 171' right of centerline, up to 62' AGL/999' MSL. Rwy 32, multiple bushes beginning 86' from departure end of runway, 447' left of centerline, up to 12' AGL/940' MSL.

NAPPANEE, IN

NAPPANEE MUNI (C03)

AMDT 1 81036 (FAA)

TAKE-OFF MINIMUMS: Rwy 9, 300-1.

NEW LEXINGTON. OH

PERRY COUNTY (186)

ORIG 84243 (FAA)

TAKE-OFF MINIMUMS: Rwvs 8.26.300-1.

NEW PHILADELPHIA, OH

HARRY CLEVER FIELD (PHD)

TAKE-OFF MINIMUMS: Rwys 11, 29, 600-1. Rwy 14, 500-1 or std. with a min. climb to 330' per NM to 1600. Rwy 32, 500-1 or std. with a min. climb 380' per NM to 1600.

DEPARTURE PROCEDURE: Rwys 11,14,29,32, climb runway heading to 1600 before turning.

NEWARK, OH

NEWARK-HEATH (VTA)

AMDT2 08213 (FAA)

TAKE-OFF MINIMUMS: Rwy 9, 600-3 or std. w/min. climb of 354' per NM to 1800.

DEPARTURE PROCEDURE: Rwv 9. climb heading

093° to 1800 before proceeding on course. NOTE: Rwv 9. Vehicle road 306' from departure end of runway, 164' right of centerline, 15' AGL/894' MSL.

Trees beginning 2.2 NM from departure end of runway, 1906' right of centerline, 100' AGL/1159' MSL.

NORTH VERNON, IN

NORTH VERNON (OVO)

ORIG 09239 (FAA)

NOTE: Rwv 5. tree 1866' from DER, 690' left of centerline, 62' AGL/821' MSL, Tree 428' from DER, 516' right of centerline, 22' AGL/781' MSL. Rwy 15, fence beginning 259' from DER, crossing left to right, 11' AGL/765' MSL. Trees beginning 469' from DER, 100' left of centerline, up to 115' AGL/864' MSL. Tree 1509' from DER, 472' right of centerline, 59' AGL/818' MSL. Rwy 23, trees beginning 1856' from DER, 94' left of centerline, up to 93' AGL/842' MSL. Tree 3348' from DER 675' right of centerline, 97' AGL/846' MSL.Rwy 33, fence beginning 304' from DER, 138' left of centerline, 11' AGL/761' MSL. Tree 2592' from DER, 596' left of

DER, 102' right of centerline, 25' AGL/774' MSL.

centerline, 90' AGL/839' MSL. Power pole 751' from

$\overline{f V}$ take-off minimums and (obstacle) departure procedures $\overline{f V}$

NORWALK, OH

NORWALK-HURON COUNTY (5A1) AMDT 1 83286 (FAA)

TAKE-OFF MINIMUMS: Rwvs 10. 28. 300-1.

OTTAWA, OH

PUTNAM COUNTY (OWX)

ORIG 09239 (FAA)

NOTE: Rwy 9, trees 1342' from DER, 578' right of centerline, 100' AGL/854' MSL. Tree 1978' from DER, 5' left of centerline, 50' AGL/814' MSL, Rwv 27, road 1' from DER, 219' right of centerline, 15' AGL/768' MSL. Multiple trees and pole beginning 1606' from DER, 303' left of centerline, up to 100' AGL/854' MSL.

OXFORD, OH

MIAMI UNIVERSITY (OXD)

AMDT 1 96312 (FAA)

TAKE-OFF MINIMUMS: Rwvs 5, 23, 300-1.

PAINESVILLE, OH

CONCORD AIRPARK (2G1)

AMDT 2 06159 (FAA)

TAKE-OFF MINIMUMS: Rwy 20, 400-134 or std. w/a min. climb of 310' per NM to 1500.

NOTE: Rwy 2, numerous trees beginning 503' from departure end of runway, 146' left of centerline, up to 100' AGL/1039' MSL. Rwv 20. numerous trees beginning 544' from departure end of runway, 25' right of centerline, up to 200' AGL/1349' MSL. Tower 1.2 NM from departure end of runway, 2020' right of centerline, 114' AGL/1223' MSL.

PERU.IN

SEP 2010 to 21 OCT 2010

PERU MUNI (176)

AMDT 3 07018 (FAA)

NOTE: Rwy 1, multiple trees beginning 2201' from departure end of runway, 321' left of centerline, 100' AGL/ 879' MSL. Road plus vehicle beginning 407' from departure end of runway, 1524' right of centelrine, 15 AGL/794' MSL. Trees beginning 1656' from departure end of runway, 815' right of centerline, 100' AGL/879' MSL. Rwy 19, multiple trees beginning 44' from departure end of runway, 204' left of centerline, 100' AGL/ 869' MSL. Multiple trees beginning 588' from departure end of runway, 134' right of centerline, 100' AGL/859' MSL.

PHILLIPSBURG, OH

PHILLIPSBURG (317) TAKE-OFF MINIMUMS: Rwy 21, 300-1.

PLYMOUTH, IN

PLYMOUTH MUNI (C65)

ORIG 74199 (FAA)

TAKE-OFF MINIMUMS: Rwys 10, 28, 300-1.

PORT CLINTON, OH

CARL R. KELLER FIELD (PCW)

AMDT 6 09183 (FAA)

TAKE-OFF MINIMUMS: Rwy 27, std. w/min. climb of 250' per NM to 1600 or 1000-21/2 for climb in visual

DEPARTURE PROCEDURE: Rwy 27, for climb in visual conditions: cross Carl R Keller Field at or above 1400 MSL before proceeding on course.

NOTE: Rwy 9, multiple trees and poles beginning 417 from DER, 398' left of centerline, up to 78' AGL/668' MSL. Multiple trees and poles beginning 407' from DER, 550' right of centerline, up to 67' AGL/657' MSL. Rwy 18, multiple trees beginning 626' from DER, 424' left of centerline, up to 100' AGL/684' MSL. Trees 511' from DER, 471' right of centerline, 100' AGL/684' MSL. Vehicles on road 475' from DER, 31' right of centerline, 15' AGL/604' MSL. Rwy 27, multiple trees beginning 1210' from DER, 176' left of centerline, up to 65' AGL/ 650' MSL. Pole 1066' from DER, 609' right of centerline, 35' AGL/620' MSL. Multiple trees beginning 2558' from DER, 311' right of centerline, up to 91' AGL/676' MSL. Rwy 36, trees 558' from DER, 406' left of centerline, 100' AGL/684' MSL. Trees 770' from DER, 564' right of centerline, 100' AGL/679' MSL, Trees 5097' from DER. 1661' right of cenerline, 100' AGL/719' MSL.

PORTLAND, IN

PORTLAND MUNI (PLD)

ORIG 08213 (FAA)

TAKE-OFF MINIMUMS: Rwys 18, 36, NA - Turf

NOTE: Rwy 9, multiple trees beginning 2290' from departure end of runway, 517' right of centerline, up to 100' AGL/1029' MSL. Multiple trees beginning 2843' from departure end of runway, 36' left of centerline, up to 100' AGL/1029' MSL. Rwy 27, barn 1082' from departure end of runway, 572' right of centerline, 34' AGL/945' MSL. Multiple trees beginning 263' from departure end of runway, 551' left of centerline, up to 100' AGL/1019 MSL.

PORTSMOUTH, OH

GREATER PORTSMOUTH RGNL (PMH) AMDT 2 91262 (FAA)

DEPARTURE PROCEDURE: Rwy 18, climb heading 170° to 1200 before proceeding on course.

RENSSELAER, IN

JASPER COUNTY (RZL) AMDT 1 88014 (FAA)

TAKE-OFF MINIMUMS: **Rwys 9, 18, 27, 36,** 300-1. DEPARTURE PROCEDURE: Rwys 9, 18, 27, 36, climb to 1100 on runway heading before proceeding on course. $f \overline{V}$ take-off minimums and (obstacle) departure procedures $f \overline{V}$

10266

RICHMOND, IN

RICHMOND MUNI (RID)

ORIG 09183 (FAA)

TAKE-OFF MINIMUMS: Rwys 10, 28, NA-Environmental.

NOTE: Rwy 15, tree 2970' from DER, 198' right of centerline, 86' AGL/1226' MSL. Rwy 24, road and antenna beginning 298' from DER, 7' right of centerline, up to 22' AGL/1156' MSL. Trees beginning 1185' from DER, 529' left of centerline, up to 40' AGL/1174' MSL. Obstruction light on localizer 300' from DER, on centerline, 8' AGL/1142' MSL. Rwy 33, trees beginning 515' from DER, 283' right of centerline, up to 48' AGL/1175' MSL. Antenna and trees beginning 1041' from DER, 141' left of centerline, up to 71' AGL/

1198'MSL. ROCHESTER,IN

FULTON COUNTY (RCR)

ORIG 08269 (FAA)

NOTE: Rwy 11, terrain 469' right of centerline, 797' MSL. Trees beginning 619' from from departure end of runway, 181' right of centerline, up to 105' AGL/894' MSL. Trees beginning 2534' from departure end of runway, 27' left of centerline, up to 97' AGL/886' MSL. Rwy 29, pole 1'from departure end of runway, 480' left of centerline, 28' AGL/817' MSL. Pole 195' from departure end of runway, 460' left of centerline, 28' AGL/817' MSL. Pole 524' from departure end of runway, 503' left of centerline, 33' AGL/823' MSL. Vehicle on road 578' from departure end of runway, 100' left of centerline, 15' AGL/804' MSL. Vent on building 890' from departure end of runway, 262' left of centerline, 23' AGL/812' MSL. Trees beginning 614' from departure end of runway, 355' left of centerline, up to 87' AGL/876'

MSL. Vent on building 229' from departure end of runway, 525' right of centerline, 40' AGL/829' MSL. Pole 843' from departure end of runway, 94' right of centerline, 23' AGL/812' MSL. Trees beginning 883' from departure end of runway, 152' right of centerline,

ST. CLAIRSVILLE. OH

up to 103' AGL/892' MSL.

ALDERMAN (2P7)

AMDT 2 91010 (FAA)

TAKE-OFF MINIMUMS: Rwys 1, 19, 300-1.
DEPARTURE PROCEDURE: Rwys 1, 19, climb on runway heading to 1800 before proceeding on course.

SALEM, OH

SALEM AIRPARK, INC (38D)

AMDT 1 97058 (FAA)

DEPARTURE PROCEDURE: **Rwys 10, 28,** climb runway heading to 2200 before turning south.

SANDUSKY, OH

GRIFFING-SANDUSKY (SKY)

AMDT 1 81162 (FAA)

TAKE-OFF MINIMUMS: Rwys 9, 18, 27, 300-1.

SEBRING, OH

TRI-CITY (3G6)

ORIG 76036 (FAA)

DEPARTURE PROCEDURE: **Rwys 17, 35,** climb runway heading to 3000 before turning east.

SEYMOUR, IN

FREEMAN MUNI (SER)

ORIG 07130 (FAA)

DEPARTURE PROCEDURE: **Rwy 5**, climb heading 046° to 1100 before turning left. **Rwy 14**, climb heading 136° to 1100 before turning right.

NOTE: Rwy 5, multiple trees beginning 845' from departure end of runway, 523' left of centerline, up to 90' AGL/669' MSL. Multiple towers beginning 2870' from departure end of runway, 1231' left of centerline, up to 73' AGL/657' MSL. Multiple trees beginning 1035' from departure end of runway, 691' right of centerline, up to 73' AGL/652' MSL. Rwy 14, multiple trees beginning 2285' from departure end of runway, 309' right of centerline, up to 78' AGL/657' MSL. Rwy 32, multiple trees beginning 2339' from departure end of runway, 383' left of centerline, up to 63' AGL/652' MSL.

SHELBY, OH

SHELBY COMMUNITY (12G) AMDT 1 83076 (FAA)

TAKE-OFF MINIMUMS: Rwys 3, 18, 21, 36, 300-1.

SHELBYVILLE. IN

SHELBYVILLE MUNI (GEZ)

AMDT 4A 10070 (FAA)

TAKE-OFF MINIMUMS: Rwys 9,27 NA-Environmental. DEPARTURE PROCEDURE: Rwy1, climbrunway heading to 1400 before turning west on course. Rwys 9,19, climb runway heading to 1300 before turning on course. Rwy 27, climb to 1500 on heading 240° before turning north on course.

SIDNEY, OH

SIDNEY MUNI (I12) AMDT 2 91038 (FAA)

TAKE-OFF MINIMUMS: Rwys 5, 10, 23, 300-1. Rwy 28, 300-1 or std. with a min. climb of 350' per NM to 1300.

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$oldsymbol{ abla}$ take-off minimums and (obstacle) departure procedures $oldsymbol{ abla}$

SOUTH BEND, IN

SOUTH BEND RGNL (SBN)

AMDT 9 09239 (FAA)

TAKE-OFF MINIMUMS: Rwy 27R, 300-11/4 or std. w/ min, climb of 240' per NM to 1100, Alternatively, with standard take-off minimums and a normal 200'/NM climb gradient, take-off must occur no later than 1800' prior to DER.

DEPARTURE PROCEDURE: Rwy 9R, climb heading 092° to 2000 before turning South. Rwy 18, climb

heading 182° to 2000 before turning East. NOTE: Rwy 9L, tree 1226' from DER, 367' left of centerline, 60' AGL/831' MSL. Tree 1332' from DER, 93' right of centerline, 50' AGL/822' MSL.

Transmission tower 2159' from DER, 392' left of centerline, 117' AGL/872' MSL. Rwy 18, powerline and fence 199' from DER, left and right of centerline, up to 20' AGL/775' MSL. Multiple trees and poles beginning 684' from DER, from 829' left to 720' right of centerline, up to 80' AGL/849' MSL. Rwy 27L, light pole 665' from DER, 479' left of centerline, 22' AGL/810' MSL. Trees beginning 1190' from DER, from 948' left to 900' right of centerline, up to 100' AGL/923' MSL. Rwy 27R, tree 207' from DER, 502' right of centerline, 60' AGL/849' MSL, Tree 1541' from DER, 93' left of centerline, 60' AGL/850' MSL. Transmission tower 5542' from DER, 1922' right of centerline, 100' AGL/954' MSL. Rwy 36, terrain 98' from DER, 390' left of centerline, 803' MSL. Barricade 130' from DER, 418' left of centerline, 10' AGL/807' MSL. Trees beginning 340' from DER, 332' right of centerline, up to 36' AGL/815' MSL. Tree 2726' from DER, 443' left of centerline, 60' AGL/867' MSL

SPRINGFIELD, OH

SEP 2010 to 21 OCT 2010

SPRINGFIELD-BECKLEY MUNI (SGH) ORIG 08157 (FAA)

NOTE: Rwy 6, Trees beginning 642' from departure end of runway, 664' left of centerline, up to 96' AGL/1133' MSL. Tree 66' from departure end of runway, 514' right of centerline, 27' AGL/1064' MSL. Rwy 15, Multiple trees beginning 1357' from departure end of runway, 160' left of centerline, up to 86' AGL/1127' MSL. Tree 1763' from departure end of runway, 410' right of centerline, 51' AGL/1092' MSL. Rwy 24, Trees beginning 1387' from departure end of runway, 66' left of centerline, up to 58' AGL/1109' MSL. Windsock 1' from departure end of runway, 228' right of centerline, 20' AGL/1071' MSL. Rwy 33, Tree 183' from departure end of runway, 438' right of centerline, 24' AGL/1066' MSL.

STEUBENVILLE, OH

JEFFERSON COUNTY AIRPARK (2G2) ORIG 00055 (FAA)

DEPARTURE PROCEDURE: Rwy 14, climb runway heading to 2200 before turning north.

SULLIVAN, IN

SULLIVAN COUNTY (SIV) AMDT 1 99364 (FAA)

TAKE-OFF MINIMUMS: Rwys 18, 36, 200-1 or std. with a min. climb of 320' per NM to 1800.

DEPARTURE PROCEDURE: Rwy 18, climb runway heading to 1500 before turning west on course. Rwys 18,36, climb runway heading to 1800 before turning east on course.

TELL CITY, IN

PERRY COUNTY MUNI (TEL) AMDT 1 95145 (FAA) TAKE-OFF MINIMUMS: Rwy 31, 300-1.

TERREHAUTE, IN

SKY KING (3I3)

AMDT 2 84075 (FAA)

TAKE-OFF MINIMUMS: Rwys 8, 18, 300-1. DEPARTURE PROCEDURE: Rwy 26, climb to 1400 on runway heading before turning south. Rwy 18, climb to 1400 on runway heading before turning west.

TERRE HAUTE INTL-HULMAN FIELD (HUF) ORIG 08213 (FAA)

NOTE: Rwy 5, Terrain beginning 118' from departure end of runway, left and right of centerline, 0' AGL/591' MSL. Floodlight 967' from departure end of runway, 673' right of centerline, 32' AGL/621' MSL. Trees beginning 2019 from departure end of runway, 317' left of centerline, up to 100' AGL/689' MSL. Tree 3340' from departure end of runway, 533' right of centerline, 79' AGL/668' MSL. Rwy 14, trees beginning 1266' from departure end of runway, 570' left of centerline, up to 100' AGL/689' MSL. Trees beginning 1,520' from departure end of runway 462' right of centerline, up to 100' AGL/689' MSL. Powerlines 3084' from departure end of runway, left and right of centerline, 98' AGL/682' MSL. Rwy 18, terrain beginning 84' from departure end of runway, left and right of centerline, 0' AGL/581' MSL. Trees beginning 3040' from departure end of runway, 192' left of centerline, up to 66' AGL/655' MSL. Rwy 23, trees beginning 412' from departure end of runway, 537' left of centerline, up to 34' AGL/593' MSL. Tree 1201' from departure end of runway, 376' right of centerline, 38' AGL/607' MSL. Rwy 32, trees and a pole beginning 397' from departure end of runway, 308' left of centerline, up to 82' AGL/651' MSL. Tree 1195' from departure end of runway 544' left of centerline, 68' AGL/ 637' MSL. Trees beginning 2597' from departure end of runway, 340' right of centerline, up to 100' AGL/669' MSL. Rwy 36, trees beginning 1580' from departure end of runway, 120' right of centerline, up to 100' AGL/669' MSL, trees beginning 2475' from departure end of runway, 153' left of centerline, up to 102' AGL/671' MSL.

TIFFIN. OH

SENECA COUNTY(16G) AMDT 2 09183 (FAA)

NOTE: Rwy 6, multiple trees and buildings beginning 2' from DER, 186' right of centerline, up to 98' AGL/868' MSL. Antenna 129' from DER, 438' left of centerline, 66' AGL/836' MSL. Pole 408' from DER, 477' left of centerline, 39' AGL/809' MSL. Vehicle on road 501' from DER, 414' left of centerline, 26' AGL/796' MSL. Trees 2421' from DER, 207' left of centerline, 83' AGL/853' MSL. Rwy 24, multiple trees beginning 27' from DER, 280' left of centerline, up to 124' AGL/904' MSL. Building 1291' from DER, 528' left of centerline, 44' AGL/824' MSL. Multiple trees beginning 1071' from DER, 337' right of centerline, up to 92' AGL/872' MSL. Pole 1460' from DER, 562' right of centerline, 48' AGL/828' MSL.

$oldsymbol{ abla}$ take-off minimums and (obstacle) departure procedures $oldsymbol{ abla}$

TOLEDO, OH

METCALF FIELD (TDZ)

AMDT 2A 07326 (FAA)

TAKE-OFF MINIMUMS: Rwys 14, 22,32, 300-1. Rwy 4, 2100-2 or std. with a min. climb of 300' per NM to 2100. DEPARTURE PROCEDURE: Rwys 14, 22, 32, climb runway heading to 2000 before turning.

NOTE: Rwy 14, tree 789' from departure end of runway, 249' left of centerline, 61' AGL/685' MSL.

TOLEDO EXPRESS (TOL)

AMDT 2 89040 (FAA)

TAKE-OFF MINIMUMS: Rwy 16, 300-1 or std. with a min. climb of 260' per NM to 1000'.

DEPARTURE PROCEDURE: Rwy 25, climb runway heading to 1100' before turning.

UPPER SANDUSKY, OH

WYANDOT COUNTY (56D)

ORIG 80150 (FAA)

TAKE-OFF MINIMUMS: Rwy 36, 300-1.

URBANA. OH

GRIMES FIELD (174)

AMDT 1 10266 (FAA)

NOTE: Rwy 2, numerous trees beginning 995' from DER, 6' left of centerline, up to 100' AGL/1152' MSL. Numerous trees beginning from 2106' from DER, 327' right of centerline, up to 100' AGL/1140' MSL, Numerous power poles 1204' from DER, 654' right of centerline, 55' AGL/ 1125' MSL. Rwy 20, numerous trees beginning 5' from DER, 487' left of centerline, up to 100' AGL/1111' MSL. Tank 5459' from DER, 1062' left of centerline, 170' AGL/ 1195' MSL. Numerous trees beginning 672' from DER, 92' right of centerline, up to 100' AGL/1120' MSL.

VALPARAISO, IN

SEP 2010 to 21 OCT 2010

PORTER COUNTY MUNI (VPZ) ORIG 08045 (FAA)

NOTE: Rwy 9, Tree 51' from departure end of runway, 350' right of centerline, 100' AGL/874' MSL. Tree 1219' from departure end of runway, 775' left of centerline, 57' AGL/ 807' MSL. Rwy 18, Tower and multiple trees beginning 140' from departure end of runway, 157' right of centerline, up to 100' AGL/865' MSL. Trees 143' from departure end of runway, 71' left of centerline, 100' AGL/865' MSL. Rwy 27, Multiple trees, 1038' from departure end of runway, 308' left of centerline, up to 68' AGL/828' MSL. Sign, 1847 from departure end of runway, 263' right of centerline, 49' AGL/817' MSL. Rwy 36, Trees 105' from departure end of runway, 99' right of centerline, 100' AGL/895' MSL Trees 108' from departure end of runway, 129' left of centerline. 100'AGL/874'MSL.

VAN WERT, OH

VAN WERT COUNTY (VNW)

AMDT 3 09015 (FAA)

TAKE-OFF MINIMUMS: Rwy 9, 300-114 or std. w/min. climb of 306' per NM to 1100. Rwys 18, 36, NA-

NOTE: Rwy 9, tower 6084' from departure end of runway. 1963' left of centerline, 170' AGL/955' MSL.

VERSAILLES, OH

DARKE COUNTY (VES)

AMDT 2A 10154 (FAA)

NOTE: Rwv 9, trees 149' from DER, 353' left of centerline up to 50' AGL/1085' MSL. Tower 320' from DER, 326' left of centerline, 30' AGL/1033' MSL. Vehicle on road, 434' from DER, on centerline, 15' AGL/ 1019' MSL. Rwy 27, vehicle on road, 373' from DER, on centerline, 15' AGL/1019' MSL.

WADSWORTH, OH

WADSWORTH MUNI (3G3)

AMDT 1 08101 (FAA)

TAKE-OFF MINIMUMS: Rwy 2, std. w/min. climb of 412' per NM to 1700, or 600-21/2 with minimum climb of 289' per NM to 1900, or 1100-21/2 for climb in visual conditions, Rwv 10, std, w/min, climb of 585' per NM to 1800, or 700-3 with minimum climb of 340' per NM to 1800, or 1100-21/2 for climb in visual conditions. Rwy 20, 300-11/4 or std. w/min. climb of 336' per NM to 1300. Rwy 28,400-21/2 or std. w/min. climb of 457' per NM to 1500.

DEPARTURE PROCEDURE: Rwy 2, for climb in visual conditions: cross Wadsworth Muni airport at or above 1900 MSL before proceeding on course. Rwy 10, for climb in visual conditions: cross Wadsworth Muni airport at or above 1900 MSL before proceeding on course. Rwy 28, climb heading 277° to 1600 before proceeding on course.

NOTE: Rwy 2, vehicle on road 23' from departure end of runway, 404' right of centerline, 15' AGL/994' MSL. Powerline 1425' from departure end of runway, left and right of centerline, 40' AGL/1029' MSL. Trees beginning 2947' from departure end of runway, 80' left of centerline, up to 100' AGL/1129' MSL. Trees beginning 4490' from departure end of runway, 119' right of centerline, up to 100' AGL/1249' MSL. Rwy 10, trees beginning 2813' from departure end of runway, 245' right of centerline, up to 100' AGL/1289' MSL. Trees beginning 1659' from departure end of runway, 56' left of centerline, up to 100' AGL/1319' MSL. Rwy 20, vehicle on road 289' from departure end of runway, left and right of centerline, 15' AGL/994' MSL. Trees beginning 389' from departure end of runway, 194' left of centerline, up to 100' AGL/1079' MSL. Trees beginning 1921' from departure end of runway, 605' right of centerline, up to 100' AGL/1099' MSL. Rwy 28, building 249' from departure end of runway, 530' right of centerline, 24' AGL/989' MSL. Trees beginning 169' from departure end of runway, 198' left of centerline, up to 100' AGL/ 1079' MSL. Trees beginning 3698' from departure end of runway, 9' right of centerline, up to 100' AGL/1299' MSL.

23 SEP 2010 to 21 OCT 2010



$\overline{f V}$ take-off minimums and (obstacle) departure procedures $\overline{f V}$

WAPAKONETA, OH

NEIL ARMSTRONG (AXV)

AMDT 2 08213(FAA)

NOTE: Rwy 8, vehicle on road, 1' from departure end of runway, 403' right of centerline, 15' AGL/926' MSL. Fence 70' from departure end of runway, 222' right of centerline, 6' AGL/919' MSL. Fence 149' from departure end of runway, 270' left of centerline, 8' AGL/ 921' MSL. Obstruction light on pole, 348' from departure end of runway, 239' left of centerline, 15' AGL/ 928' MSL. Building, 614' from departure end of runway, 463' left of centerline, 15' AGL/929' MSL. Trees beginning 2385' from departure end of runway, 51' left of centerline, up to 101' AGL/1014' MSL. Trees beginning 2263' from departure end of runway, 268' right of centerline, up to 75' AGL/988' MSL, Rwv 26. obstruction light on DME, 401' from departure end of runway, 268' right of centerline, 9' AGL/922' MSL. Trees beginning 496' from departure end of runway, 51' right of centerline, up to 83' AGL/996' MSL. Trees beginning 563' from departure end of runway, 120' left of centerline, up to 72' AGL/985' MSL. Pole 620' from departure end of runway, 332' left of centerline, 25' AGL/ 938' MSL. Stack, 3021' from departure end of runway, 577' left of centerline, 125' AGL/1035' MSL. Tower, 3265' from departure end of runway, 729' right of

WARSAW, IN

WARSAW MUNI (ASW)

centerline, 149' AGL/1050' MSL.

AMDT 2 10266 (FAA)

TAKE-OFF MINIMUMS: Rwy 9, 300-114 or std. w/min. climb of 242' per NM to 1100, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 2000' prior to DER.

NOTE: Rwy 9, multiple trees beginning 1369' from DER, 176' left of centerline, up to 68' AGL/908' MSL. Vehicles on road, 185' from DER, 264' left of centerline. 15' AGL/866' MSL. Obstruction light on tower, 5640' from DER, 105' left of centerline, 171' AGL/1020' MSL. Vehicles on road, 182' from DER, 22' right of centerline, 15' AGL/865' MSL. Rwy 18, tree 1276' from DER, 298' right of centerline, 65' AGL/905' MSL. Rwy 27, tree 1127' from DER, 521' right of centerline, 37 AGL/877' MSL. Rwy 36, vehicles on road 505' from DER, on centerline, 15' AGL/864' MSL. Trees beginning 1768' from DER, 32' left of centerline, up to 100' AGL/929' MSL. Tree 1666' from DER, 569' right of centerline, 100' AGL/929' MSL.

WASHINGTON, IN

DAVIESS COUNTY (DCY) ORIG 84045 (FAA)

TAKE-OFF MINIMUMS: Rwy 18, 300-1.

WASHINGTON COURT HOUSE, OH

FAYETTE COUNTY (123) AMDT 2 07354 (FAA)

TAKE-OFF MINIMUMS: Rwy 5, 300-134 or std. w/min. climb of 268' per NM to 1400.

NOTE: Rwy 5, train on railroad tracks 384' from departure end of runway, 243' right of centerline, 23' AGL/997' MSL. Terrain 81' from departure end of runway, 184' left of centerline, 0' AGL/978' MSL. Silo 8848' from departure end of runway, 772' right of centerline, 238' AGL/1213' MSL. Rwy 23, train on railroad tracks 509' from departure end of runway, 257' left of centerline, 23' AGL/1003' MSL.

WAUSEON, OH

FULTON COUNTY (USE) AMDT 1 83048 (FAA)

TAKE-OFF MINIMUMS: Rwys 9, 27, 300-1.

WAVERLY, OH

PIKE COUNTY (EOP)

ORIG-A 07270 (FAA)

TAKE-OFF MINIMUMS: Rwy 25, 300-1.

NOTE: Rwy 7, building 507' from departure end of runway, 439' right of centerline, 30' AGL/688' MSL. Rwy 25, 60' AGL trees 500' from departure end of runway 170' left of centerline.

WEST UNION, OH

ALEXANDER SALAMON (AMT)

AMDT 1 90347 (FAA)

TAKE-OFF MINIMUMS: Rwys 5, 23, 300-1.

DEPARTURE PROCEDURE: Rwys 5, 23, climb straight ahead to 1700 before turning west.

WILLARD, OH

WILLARD (8G1)

AMDT 1 81134 (FAA)

TAKE-OFF MINIMUMS: Rwys 10, 28, 300-1. DEPARTURE PROCEDURE: Rwys 10, 28, climb runway heading to 1500 before proceeding on course.

WILLOUGHBY, OH

WILLOUGHBY LOST NATION MUNI (LNN) AMDT 2 06159 (FAA)

DEPARTURE PROCEDURE: Rwv 10. climb via heading 099° to 1600 before proceeding on course. Rwy 23, climb via heading 233° to 1400 before proceeding on course. Rwy 28, climb via heading 279° to 1400 before proceeding on course.

NOTE: Rwv 5. tree 1453' from departure end of runway,725' right of centerline, 100' AGL/724' MSL Building 509' from departure end of runway, 429' right of centerline, 20' AGL/644' MSL. Rwy 10, pole 663' from departure end of runway, 64' right of centerline, 52' AGL/ 675' MSL. Rwy 23, tree 634' from departure end of runway, 561' right of centerline, 100' AGL/724' MSL Stacks 1.8 NM from departure end of runway, 1 NM right of centerline, 600' AGL/1207' MSL. Rwy 28, tree 1336' from departure end of runway, 699' left of centerline, 100' AGL/724' MSL, building 1101' from departure end of runway, 337' rightof centerline, 35' AGL/661' MSL, stacks 2.1 NM from departure end of runway, 4444' left of centerline, 600' AGL/1207' MSL.

TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

WILMINGTON, OH

AIRBORNE AIRPARK (ILN)

ORIG 09239 (FAA)

NOTE: Rwy 4L, tree 1032' from DER, 644' right of centerline, 35' AGL/1114' MSL. Rwy 22L, tree 2437' from DER, 468' left of centerline, 100' AGL/1134' MSL.

CLINTON FIELD (166) AMDT 2 07186 (FAA)

TAKE-OFF MINIMUMS: Rwy 3, 300-11/4 or std. w/a min. climb of 224' per NM to 1300', or alternatively, w/ std. takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1700' prior to departure end of runway.

NOTE: Rwy 3, multiple trees beginning 76' from departure end of runway, 76' right of centerline, up to 88' AGL/1137' MSL. Multiple trees beginning 279' from departure end of runway, 140' left of centerline, up to 96' AGL/1105' MSL. Water tank 1 NM from departure end of runway, 554' left of centerline, 176' AGL/1205' MSL. Rwy 21, multiple trees beginning 187' from departure end of runway, 509' right of centerline, up to 87' AGL/1111' MSL. Multiple trees beginning 243' from departure end of runway, 214' left of centerline, up to 77' AGL/1086' MSL.

WOODSFIELD, OH

MONROE COUNTY (4G5) AMDT 2 91150 (FAA) TAKE-OFF MINIMUMS: Rwy 25, 300-1.

WOOSTER, OH

SEP 2010 to 21 OCT 2010

WAYNE COUNTY (BJJ) AMDT 1 98169 (FAA) TAKE-OFF MINIMUMS: Rwy 28, 300-1.

WRIGHT-PATTERSON AFB (KFFO)

DAYTON, OH 09295

Rwy5R,200-11/21 Rwy 23R, 400-23/4**

Rwy 23L, 400-23/4***

Or standard with minimum climb of 240ft/NM to

** Or standard with minimum climb of 260ft/NM to

*** Or standard with minimum climb of 210ft/NM to

Rwy 5R, Climb on track 050° until reaching 1100. TAKE-OFF OBSTACLES: Rwy 23L: 43' AGL VORTAC, 850' from DER, 662' right of centerline. Rwy 5L: Up to 105' AGL tree line beginning 3000' from DER, 700' right of centerline to 5100' from DER, 1300' left of centerline.

YOUNGSTOWN, OH

LANSDOWNE (04G)

AMDT 2 95145 (FAA)

TAKE-OFF MINIMUMS: Rwy 2, 300-1. Rwy 20, 1500-

DEPARTURE PROCEDURE: Rwy 2, climb runway heading to 1500 then climbing right turn to 2500 via heading 090° before turning southbound. Rwy 20, climb visually over the airport to 2700 or until RADAR contact is established before proceeding south.

YOUNGSTOWN, OH (CON'T)

YOUNGSTOWN ELSER METRO (4G4) AMDT 1 10182 (FAA)

TAKE-OFF MINIMUMS: Rwy 10, 300-134 or std. w/min. climb of 237' per NM to 1500. Rwy 28, 300-1 or std. w/a min. climb of 463' per NM to 1300.

DEPARTURE PROCEDURE: Rwy 10, climb heading 098° to 2000 before proceeding on course. Rwy 28, climb heading 278° to 1700 before turning right.

NOTE: Rwy 10, vehicle on road 200' from DER, on centerline, 15' AGL/1104' MSL. Hangar and trees beginning 34' from DER, 203' right of centerline, up to 100' AGL/1189' MSL. Trees and tower beginning 283' from DER, 322' left of centerline, up to 138' AGL/1332' MSL. Rwy 28, trees on centerline, beginning 3380' from DER, up to 100' AGL/1209' MSL. Trees beginning at DER, 222' right of centerline, up to 100' AGL/1119' MSL. Trees beginning at DER, 191' left of centerline, up to 100'AGL/1119'MSL.

YOUNGSTOWN-WARREN.OH

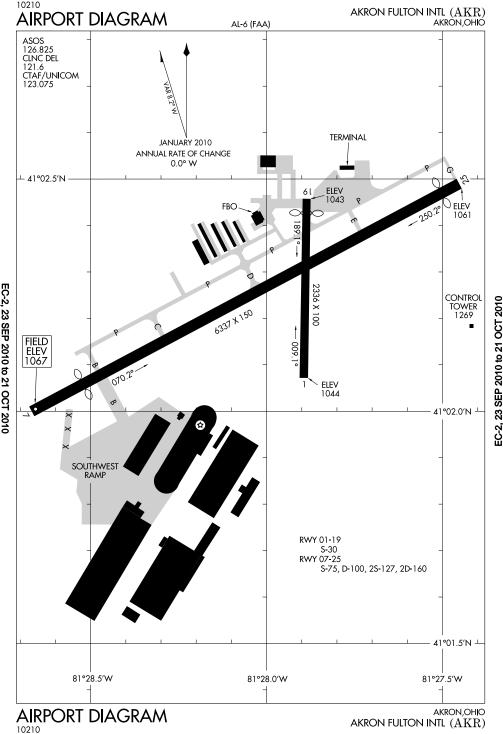
YOUNGSTOWN-WARREN RGNL (YNG) AMDT 4 90207 (FAA) TAKE-OFF MINIMUMS: Rwv 23, 300-1.

ZANESVILLE, OH

ZANESVILLE MUNI (ZZV)

ORIG 03359 (FAA)

NOTE: Rwy 22, tree 303' from departure end of runway, 427' left of centerline, 948' MSL. Tree 182' from departure end of runway, 350' right of centerline, 942' MSL. Rwy 34, tree 2370' from departure end of runway, 189' left of centerline, 968' MSL, Tree 2309' from departure end of runway, 388' left of centerline, 962' MSL.



OHIO

212

AKRON FULTON INTL (AKR) 0 S UTC-5(-4DT) N41°02.25′ W81°28.02′ DETROIT 1067 B FUEL 100LL, JET A AOE NOTAM FILE AKR H-10G, L-30G RWY 07-25: H6337X150 (ASPH) S-75, D-100, 2S-127, 2D-160 HIRI IAP. AD RWY 07: REIL, PAPI(P4L)—GA 3.6° TCH 45', Thid dspicd 760'. Q^C Railroad. RWY 25: REIL. Thid dsplcd 262'. Trees. C3 ^{C3} RWY 01-19: H2336X100 (ASPH) S-30 MIRL OB €3 RWY 01: Brush. RWY 19: Thid dspicd 190'. G G AIRPORT REMARKS: Attended 1100-0300Z±. Deer on and invof rwvs and twys. PPR for svc after hrs call arpt manager 330-864-2366. Rwy 07 REIL OTS indef. ACTIVATE MIRL Rwy 01-19, HIRL Rwy 07-25, and REIL Rwys 07 and 25-CTAF, Flight Notification Service (ADCUS) available. (34 WEATHER DATA SOURCES: ASOS 126.825 (330) 724-4237. COMMUNICATIONS: CTAF/UNICOM 123.075 'ଫ୍ୟ ଫ RCO 122.1R 114.4T (CLEVELAND RADIO) (R) AKRON-CANTON APP/DEP CON 118.6 (1100-0500Z±) **CINC DEL** 121 6 (R) CLEVELAND CENTER APP/DEP CON 120.775 (0500-1100Z‡.) AIRSPACE: CLASS E svc continuous. RADIO AIDS TO NAVIGATION: NOTAM FILE CAK. (L) VOR/DME 114.4 ACO Chan 91 N41°06.47' W81°12.09' 255° 12.8 NM to fld. 1194/4W. NDB (MHW/LOM) 362 AK N41°04.19' W81°23.25' 249° 4.1 NM to fld. NOTAM FILE CLE. ILS/DME 110.9 I-AKR Chan 046 Rwy 25 LOM AKRON NDB. LOC only. DME unusable byd 25° left of course. Unmonitored when twr.clsd. MAYFIELD (1D4) 5 SE UTC-5(-4DT) N40°59.55' W81°25.91' DETROIT 1100 TPA-2800(1700) NOTAM FILE CLE RWY 09-27: 2315X110 (TURF) RWY 09: Thid dspicd 180'. Trees. RWY 27: Thid dspicd 590'. Trees. Rgt tfc. AIRPORT REMARKS: Attended irregularly. Rwy 09-27 marked with tires. Dsplcd thld marked with yellow tires. COMMUNICATIONS: CTAF 122.9 **OLD PORTAGE HELIPORT** (4P2) 4 NW UTC-5(-4DT) N41°08.27′ W81°32.95′ DETROIT

760 NOTAM FILE CLE

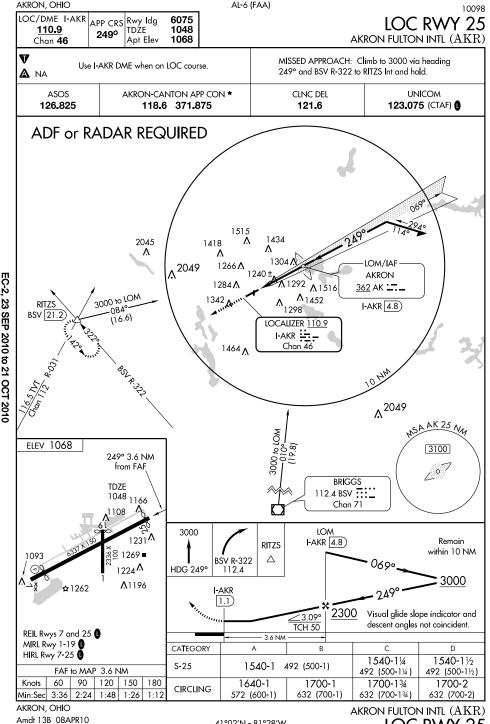
HELIPAD H1: 100X100 (TURF)

HELIPORT REMARKS: Unattended, Helipad H1 +82' to +46' tree along with +17' building and +30' p-line near pad. COMMUNICATIONS: CTAF 122.9 **SCHMELTZER HELIPORT** (6D5) 7 NW UTC-5(-4DT) N41°08.84′ W81°39.62′

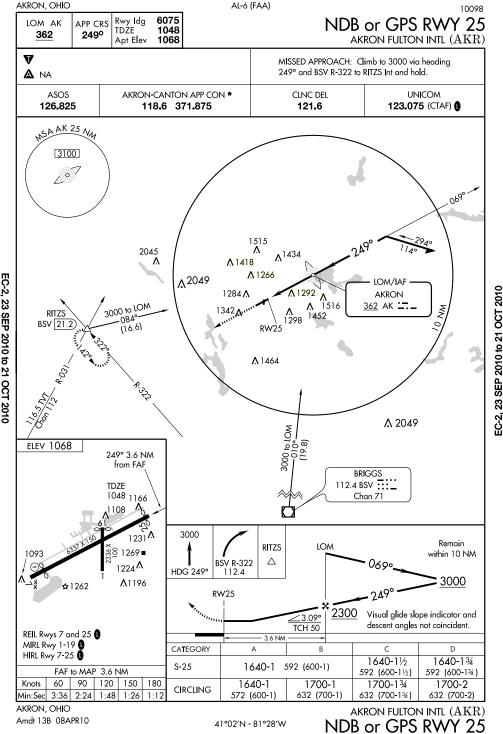
DETROIT

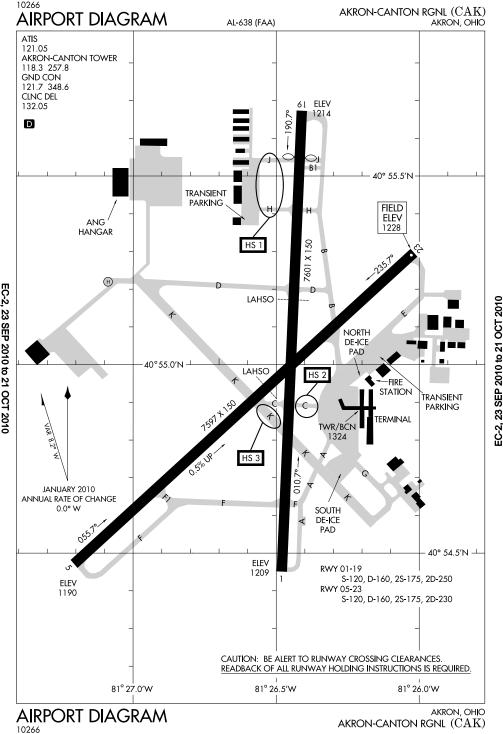
992 NOTAM FILE CLE HELIPAD H1: 50X50 (TURF) HELIPORT REMARKS: Attended irregularly. Helipad H1 +83' trees 75' east and south of pad.

COMMUNICATIONS: CTAF 122 9



EC-2, 23 SEP 2010 to 21 OCT 2010





OHIO 211 ΔΠΔ (ØD7) 1 NW UTC-5(-4DT) N40°47.44′ W83°49.75′ DETROIT 949 NOTAM FILE DAY

CINCINNATI

L-27E

DETROIT

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H-10G, L-29B

HIRL

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AIRPORT REMARKS: Unattended, Deer on and invof arpt, Ultralight activity on and invof arpt,

NOTAM FILE II N

NDB (MHW/LOM) 407 IL 217° 4.6 NM to Airborne Airpark, Unmonitored, Sat-Sun 2300-1100Z±

DIST AVRI

AIRBORNE AIRPARK (See WILMINGTON) AKRON AKRON-CANTON RGNL (CAK) 10 SE UTC-5(-4DT) N40°54.97' W81°26.53'

RWY 27: Tree.

1228 B S4 FUEL 100LL, JET A OX 1, 2 LRA Class I, ARFF Index B NOTAM FILE CAK

RWY 09-27: 1955X110 (TURF) RWY 09: Tree.

COMMUNICATIONS: CTAF/UNICOM 122 8 AIRBO N39°29.58′ W83°44.29′

and Sun 2300 til Mon 1200Z±.

RWY 01-19: H7601X150 (ASPH-GRVD) S-120, D-160, 2S-175, 2D-250 RWY 01: MALSR.

RWY 19: MALSR, PAPI(P4L)—GA 3.0° TCH 53', Thid dspicd 599'.

RWY 05-23: H7597X150 (ASPH-GRVD) S-120, D-160, 2S-175. 2D-230 HIRL 0.5% up NE

RWY 05: REIL, VASI(V4L)-GA 3.0° TCH 40'. RWY 23: MALSR. VASI(V4L)-GA 3.0° TCH 48'. Trees.

LAND AND HOLD SHORT OPERATIONS LANDING HOLD SHORT POINT

RWY N5 01 - 194300 **RWY 19** 05 - 233100 RUNWAY DECLARED DISTANCE INFORMATION RWY 01: TORA-7600 TODA-7600 ASDA-7000 LDA-7000 RWY 19: TORA-7600 TODA-7600 ASDA-7600 LDA-7000

AIRPORT REMARKS: Attended continuously, Rwy 05-23 southwest 1000' CLOSED indef. Air carrier acft taxiing on jet tech ramp and north hangar areas not visible from twr. Deer and birds on and invof arpt. One hr PPR for unscheduled air carrier ops with more than 9 passenger seats call airport manager 216-499-4059. ARFF svc not avbl 0500-1100Z[±] except one hr PPR; call arpt manager, Rwy

(ADCUS) avbl. WEATHER DATA SOURCES: ASOS (330) 966-9545. COMMUNICATIONS: ATIS 121.05 UNICOM 122.95

RCO 122.1R 114.4T (CLEVELAND RADIO)

I-RGO

ILS 109.5

ASR

R APP/DEP CON 125.5 (007°-186°) 118.6 (187°-006°) 126.4 (1100-0500Z‡)

(R) CLEVELAND CENTER APP/DEP CON 134.9 (0500-1100Z‡)

Class IE.

TOWER 118.3 GND CON 121.7 CLNC DEL 132.05 AIRSPACE: CLASS C svc 1100-0500Z‡ ctc APP CON other times CLASS D.

01 runway visual range touchdown avbl. Flight Notification Service

RADIO AIDS TO NAVIGATION: NOTAM FILE CAK.

ILS 109.5 I-CAK Rwv 01. Class IA.

Rwy 19.

228° 15.9 NM to fld. 1194/4W.

(L) VOR/DME 114.4 ACO Chan 91 N41°06.47′ W81°12.09′

ILS 108.3 I-GGZ Rwy 23. Class IE. Glide slope unusable for coupled apchs below 1574'.

HOT SPOTS

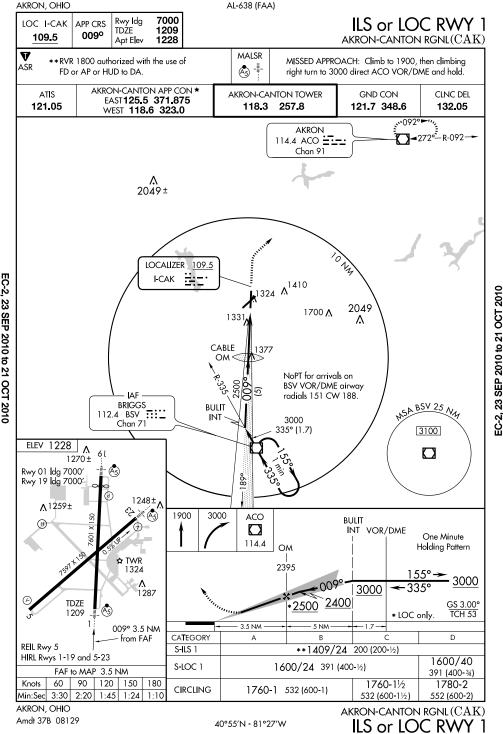
An "airport surface hot spot" is a location on an aerodrome movement area with a history or potential risk of collision or runway incursion, and where heightened attention by pilots/drivers is necessary.

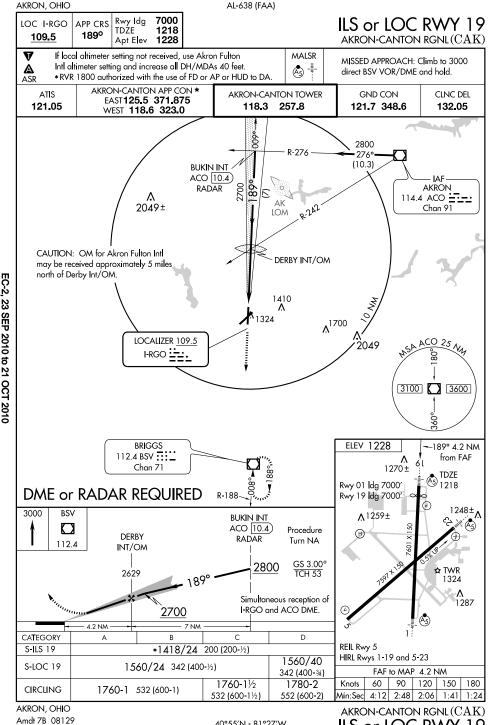
A "hot spot" is a runway safety related problem area on an airport that presents increased risk during surface operations. Typically it is a complex or confusing taxiway/taxiway or taxiway/runway intersection. The area of increased risk has either a history of or potential for runway incursions or surface incidents, due to a variety of causes, such as but not limited to: airport layout, traffic flow, airport marking, signage and lighting, situational awareness, and training. Hot spots are depicted on airport diagrams as open circles or polygons designated as "HS 1", "HS 2", etc. and tabulated in the list below with a brief description of each hot spot. Hot spots will remain charted on airport diagrams until such time the increased risk has been reduced or eliminated.

increased risk has been reduced or eliminated.				
CITY/AIRPORT	HOT SPOT	DESCRIPTION*		
AKRON, OH				
AKRON-CANTON RGNL (CAK)	HS 1 HS 2 HS 3	ILS hold short line proximity to transient parking ramp. Rwy 01-19 and Rwy 05-23 hold short line on Twy C east of Rwy 01-19. Hold short lines on Twy K between Rwy 01-19 and Rwy 05-23 are nearly co-located.		
CINCINNATI, OH		05-25 are really co-located.		
CINCINNATI MUNI				
AIRPORT-LUNKEN FIELD (LUK)	HS 1 HS 2 HS 3	Twy C and Rwy 03L apch area. Twy A and Rwy 21R. Departing acft on Rwy 21L can expect to hold short of Rwy 25 on Twy A.		
	HS 4	Terminal ramp and Rwy 07, need ATC authorization to depart terminal ramp area.		
CLEVELAND, OH		·		
CLEVELAND-HOPKINS				
INTL (CLE)	HS 1 HS 2	Complex int of Rwy 06R-24L and Twy S, Twy L. Complex int of Rwy 06R-24L and Twy R, Twy L.		
COLUMBUS, OH				
OHIO STATE UNIVERSITY (OSU)	HS 1	When holding short of Rwy 09R, aircraft must clear Rwy 05 hold short line on Twy A, west of Rwy 05.		
	HS 2	Rwy 05 hold short line close proximity to west ramp on Twy A.		
	HS 3	Wrong rwy departure risk: Rwy 32 is not visible from hold short lines on Twy D.		
	HS 4	Successive hold short lines on Twy A east of Twy D define Rwy 32 apch zone.		
COLUMBUS, OH				
PORT COLUMBUS INTL (CMH)	HS 1 HS 2	Full length departures for Rwy 28L expect Twy F. Complex rwy/twy int.		
EVANOVILLE IN	HS 3	Area not visible from the twr.		
EVANSVILLE, IN EVANSVILLE RGNL (EVV)	HS 1	Pilots taxiing to Rwy 09 enter the rwy mid-field.		
EVANSVILLE RONE (EVV)	HS 2	Rwy 27 and Twy A.		
	HS 3	Rwy 18-36 in close proximity to General Aviation Ramp.		
	HS 4	Rwy 18-36 in close proximity to General Aviation Ramp.		
YOUNGSTOWN-WARREN, OH YOUNGSTOWN-WARREN				
RGNL (YNG)	HS 1 HS 2	Rwy 23 hold short line on Twy H southeast of Rwy 23. Complex Twy K-Twy F int.		

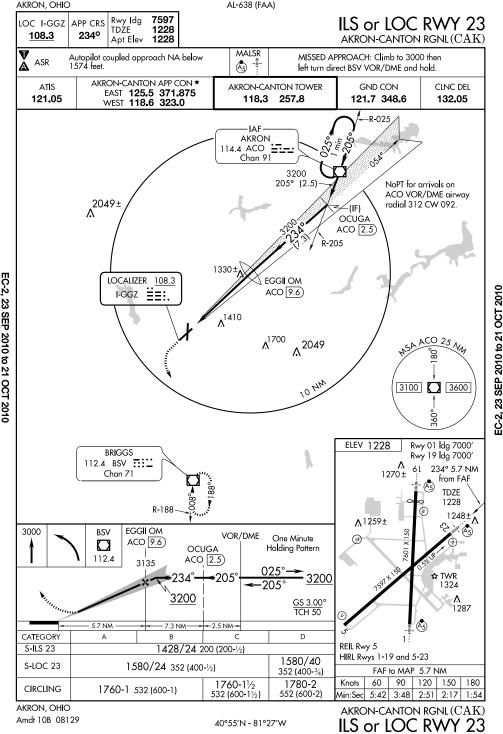
23 SEP 2010 to 21 OCT 2010

^{*}See appropriate A/FD, Alaska or Pacific Supplement HOT SPOT table for additional information.





40°55′N - 81°27′W



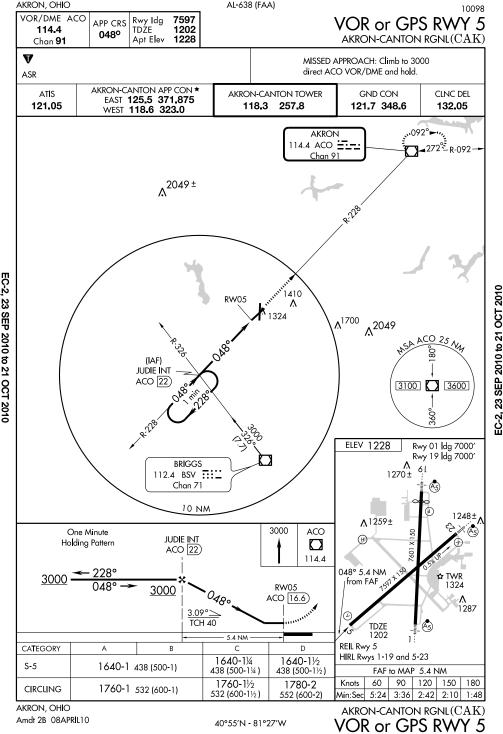
LAND AND HOLD SHORT OPERATIONS (LAHSO)

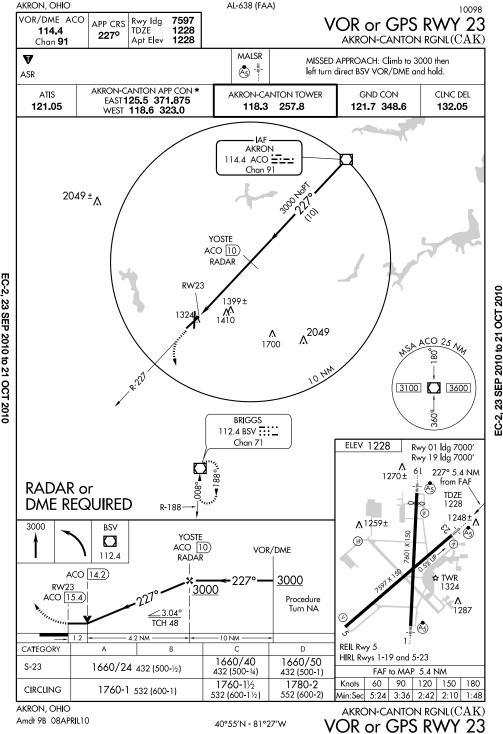
LAHSO is an acronym for "Land and Hold Short Operations." These operations include landing and holding short of an intersection runway, an intersecting taxiway, or other predetermined points on the runway other than a runway or taxiway. Measured distance represents the available landing distance on the landing runway, in feet.

Specific questions regarding these distances should be referred to the air traffic manager of the facility concerned.

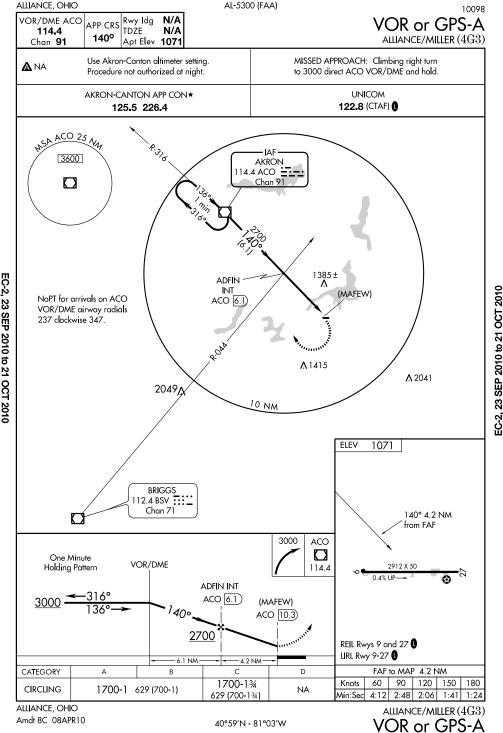
The Aeronautical Information Manual contains s	pecific details	on hold-short operations an	d markings.
CITY/AIRPORT	LDG RWY	HOLD-SHORT POINT	MEASURED DISTANCE
AKRON, OH			
AKRON-CANTON RGNL (CAK)	05	01-19	4,300 feet
	19	05-23	3,100 feet
BLOOMINGTON, IN			
MONROE COUNTY (BMG)	17	06-24	6,100 feet
COLUMBUS, OH			
OHIO STATE UNIVERSITY (OSU)	05	09L-27R	3,350 feet
, ,	09L	05-23	2,550 feet
	09R	14-32	3,300 feet
	14	09R-27L	2,750 feet
	23	09R-27L	2,500 feet
	27L	05-23	3,300 feet
FORT WAYNE, IN			
FORT WAYNE INTL (FWA)	05	14-32	9,150 feet
	14	05-23	5,650 feet
	27	05-23	2,700 feet
LAFAYETTE, IN			
PURDUE UNIVERSITY (LAF)	10	05-23	4,600 feet
MANSFIELD, OH			
MANSFIELD LAHM RGNL (MFD)	05	14-32	4,350 feet
	14	05-23	6,100 feet
MUNCIE, IN			
DELAWARE COUNTY RGNL (MIE)	14	02-20	4,300 feet
	20	14-32	3,500 feet
TERRE HAUTE, IN			
TERRE HAUTE INTL-HULMAN			
FIELD (HUF)	05	18-36	4,650 feet
	18	05-23	3,300 feet
	23	18-36	3,450 feet
	32	05-23	4,237 feet
	36	14-32	3,200 feet

23 SEP 2010 to 21 OCT 2010

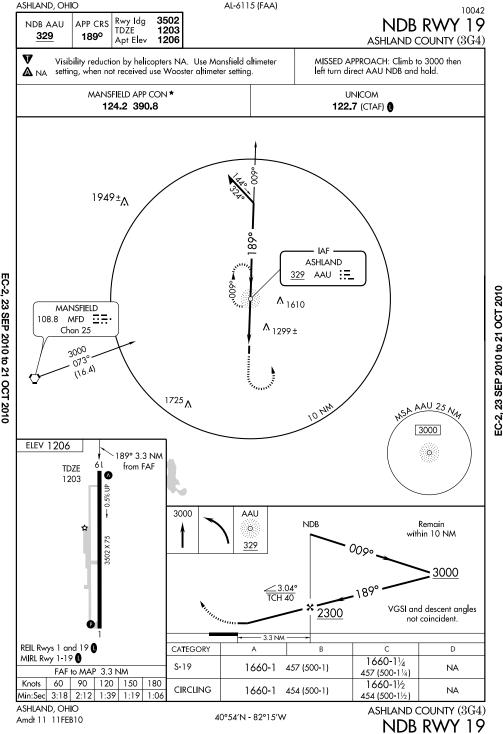


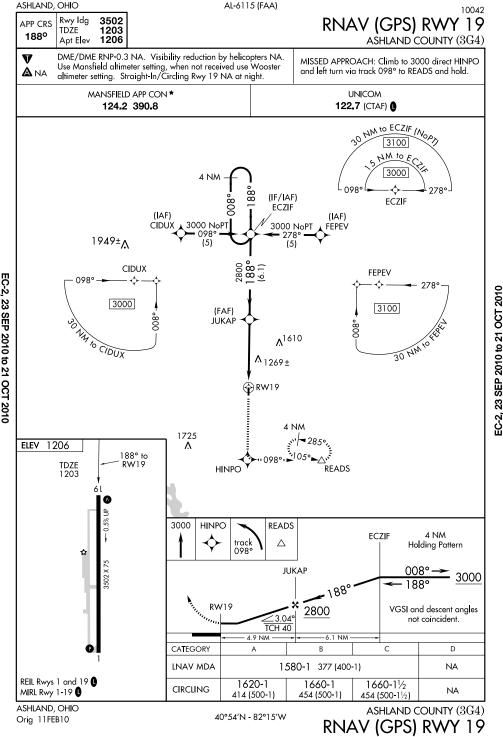


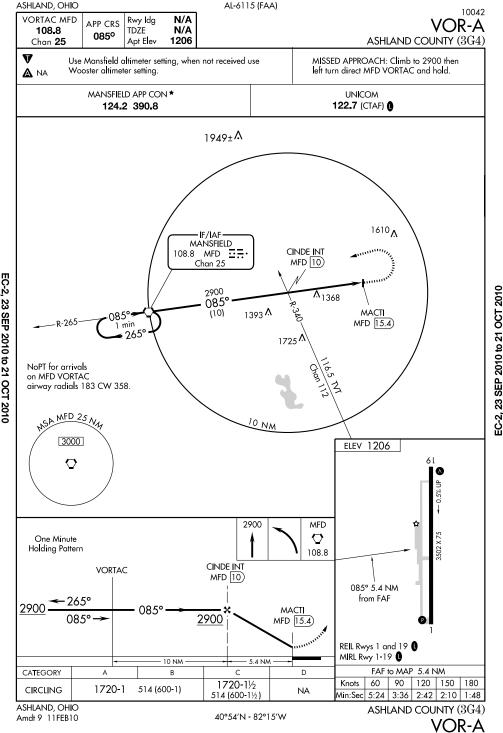
213 OHIO AI RANY (See ATHENS/ALBANY) ALDERMAN (See ST CLAIRSVILLE) ALEXANDER SALAMON (See WEST UNION) ALLEN CO N40°42.43′ W83°58.09′ NOTAM FILE DAY. DETROIT (T) VOR 108.4 AOH 274° 2.7 NM to Lima Allen Co. 2024 L-23C VOR portion unusable 091°-109° byd 20 NM. RC0 122.1R 108.4T (DAYTON RADIO) **ALLIANCE** RARRER (2D1) 3 N UTC-5(-4DT) N40°58.25′ W81°05.99′ DETROIT 1062 S4 FUEL 100LL NOTAM FILE CLE RWY 18-36: 3500X80 (TURF) RWY 18: Trees. RWY 36: Trees. RWY 09-27: 2088X130 (TURF) RWY 09: P-line. RWY 27: Trees. AIRPORT REMARKS: Attended 13007±-dusk, Arpt CLOSED Mon except with PPR, Parachute ops within 5 NM, sfc to 18.000' MSL, check Akron-Canton Rgnl apch. Parachute Jumping, Aerobatic practice area within 1 NM. surface-5000' MSL, hrs irregular, check NOTAMS. CAUTION: Occasional ground level aerobatic practice. CAUTION when rwys are wet. Use care—model acft in area, Rwy 09-27 NSTD lgts not for public use, PPR for ngt and winter ops call arpt manager 330-823-0652/or cell phone 330-495-5447. Rwv 09-27 and Rwv 18-36 marked with cones. COMMUNICATIONS: CTAF 122 9 MILLER (4G3) 5 NE UTC-5(-4DT) N40°58.91′ W81°02.53′ DETROIT 1070 B **FUEL** 100LL NOTAM FILE CLE L-30G RWY 09-27: H2912X50 (ASPH) S-9 LIRL IAP 0.4% up E. RWY 09: REIL. Thid dspicd 180'. Trees. RWY 27: REIL. Thid dsplcd 288'. Trees. AIRPORT REMARKS: Unattended. Parachute Jumping. Rwy 09 thld dspld 175' for ngt ops only. ACTIVATE LIRL Rwy 09-27 and bcn-CTAF. COMMUNICATIONS: CTAF/UNICOM 122 8 (R) AKRON-CANTON APP/DEP CON 125.5 (1100-0500Z‡) RCLEVELAND CENTER APP/DEP CON 120.775 (0500-1100Z‡) RADIO AIDS TO NAVIGATION: NOTAM FILE CAK. AKRON (L) VOR/DME 114.4 ACO Chan 91 N42°06.47' W81°12.09' 140° 10.5 NM to fld. 1194/4W. APPLETON N40°09.06' W82°35.30' NOTAM FILE DAY. DETROIT (H) VORTAC 116.7 APE Chan 114 148° 9.6 NM to Newark-Heath. 1350/6W. HIWAS. H-10G, L-29A VOR portion unusable 360°-080°. RCO 122.1R 116.7T (DAYTON RADIO) ASHLAND CO (3G4) 3 NE UTC-5(-4DT) N40°54.18' W82°15.34' DETROIT В S2 FUEL 100LL, JET A NOTAM FILE CLE L-29A RWY 01-19: H3502X75 (ASPH) MIRL 0.5% up S. IAP RWY 01: REIL. PAPI(P4L). Trees. RWY 19: REIL. VASI(V2L). Trees. AIRPORT REMARKS: Attended 1300Z‡-dusk. Occasional deer on and invof arpt. Rwy 19 REIL OTS indef. Rwy 19 VASI OTS indef, ACTIVATE MIRL Rwy 01-19; REIL Rwy 01 and Rwy 19, PAPI Rwy 01 and VASI Rwy 19-CTAF, COMMUNICATIONS: CTAF/UNICOM 122.7 (R) MANSFIELD APP/DEP CON 124.2 (1100-0400Z±) (R)CLEVELAND CENTER APP/DEP CON 134.9 (0400-1100Z±) RADIO AIDS TO NAVIGATION: NOTAM FILE MFD. MANSFIELD (L) VORTAC 108.8 MFD Chan 25 N40°52.12' W82°35.46' 085° 15.4 NM to fld. 1210/3W. NDB (MHW) 329 AAU N40°57.80′ W82°15.20′ 189° 3.6 NM to fld. NOTAM FILE CLE. NDB unmonitored ngts indef



213 OHIO AI RANY (See ATHENS/ALBANY) ALDERMAN (See ST CLAIRSVILLE) ALEXANDER SALAMON (See WEST UNION) ALLEN CO N40°42.43′ W83°58.09′ NOTAM FILE DAY. DETROIT (T) VOR 108.4 AOH 274° 2.7 NM to Lima Allen Co. 2024 L-23C VOR portion unusable 091°-109° byd 20 NM. RC0 122.1R 108.4T (DAYTON RADIO) **ALLIANCE** RARRER (2D1) 3 N UTC-5(-4DT) N40°58.25′ W81°05.99′ DETROIT 1062 S4 FUEL 100LL NOTAM FILE CLE RWY 18-36: 3500X80 (TURF) RWY 18: Trees. RWY 36: Trees. RWY 09-27: 2088X130 (TURF) RWY 09: P-line. RWY 27: Trees. AIRPORT REMARKS: Attended 13007±-dusk, Arpt CLOSED Mon except with PPR, Parachute ops within 5 NM, sfc to 18.000' MSL, check Akron-Canton Rgnl apch. Parachute Jumping, Aerobatic practice area within 1 NM. surface-5000' MSL, hrs irregular, check NOTAMS. CAUTION: Occasional ground level aerobatic practice. CAUTION when rwys are wet. Use care—model acft in area, Rwy 09-27 NSTD lgts not for public use, PPR for ngt and winter ops call arpt manager 330-823-0652/or cell phone 330-495-5447. Rwv 09-27 and Rwv 18-36 marked with cones. COMMUNICATIONS: CTAF 122 9 MILLER (4G3) 5 NE UTC-5(-4DT) N40°58.91′ W81°02.53′ DETROIT 1070 B **FUEL** 100LL NOTAM FILE CLE L-30G RWY 09-27: H2912X50 (ASPH) S-9 LIRL IAP 0.4% up E. RWY 09: REIL. Thid dspicd 180'. Trees. RWY 27: REIL. Thid dsplcd 288'. Trees. AIRPORT REMARKS: Unattended. Parachute Jumping. Rwy 09 thld dspld 175' for ngt ops only. ACTIVATE LIRL Rwy 09-27 and bcn-CTAF. COMMUNICATIONS: CTAF/UNICOM 122 8 (R) AKRON-CANTON APP/DEP CON 125.5 (1100-0500Z‡) RCLEVELAND CENTER APP/DEP CON 120.775 (0500-1100Z‡) RADIO AIDS TO NAVIGATION: NOTAM FILE CAK. AKRON (L) VOR/DME 114.4 ACO Chan 91 N42°06.47' W81°12.09' 140° 10.5 NM to fld. 1194/4W. APPLETON N40°09.06' W82°35.30' NOTAM FILE DAY. DETROIT (H) VORTAC 116.7 APE Chan 114 148° 9.6 NM to Newark-Heath. 1350/6W. HIWAS. H-10G, L-29A VOR portion unusable 360°-080°. RCO 122.1R 116.7T (DAYTON RADIO) ASHLAND CO (3G4) 3 NE UTC-5(-4DT) N40°54.18' W82°15.34' DETROIT В S2 FUEL 100LL, JET A NOTAM FILE CLE L-29A RWY 01-19: H3502X75 (ASPH) MIRL 0.5% up S. IAP RWY 01: REIL. PAPI(P4L). Trees. RWY 19: REIL. VASI(V2L). Trees. AIRPORT REMARKS: Attended 1300Z‡-dusk. Occasional deer on and invof arpt. Rwy 19 REIL OTS indef. Rwy 19 VASI OTS indef, ACTIVATE MIRL Rwy 01-19; REIL Rwy 01 and Rwy 19, PAPI Rwy 01 and VASI Rwy 19-CTAF, COMMUNICATIONS: CTAF/UNICOM 122.7 (R) MANSFIELD APP/DEP CON 124.2 (1100-0400Z±) (R)CLEVELAND CENTER APP/DEP CON 134.9 (0400-1100Z±) RADIO AIDS TO NAVIGATION: NOTAM FILE MFD. MANSFIELD (L) VORTAC 108.8 MFD Chan 25 N40°52.12' W82°35.46' 085° 15.4 NM to fld. 1210/3W. NDB (MHW) 329 AAU N40°57.80′ W82°15.20′ 189° 3.6 NM to fld. NOTAM FILE CLE. NDB unmonitored ngts indef







214 OHIO

ASHTABULA CO (HZY) 8 SE UTC-5(-4DT)N41°46.68' W80°41.73' S3 FUEL 100LL, JET A1+ NOTAM FILE HZY RWY 08-26: H5197X100 (ASPH) S-40, D-53 MIRL 0.3% up E RWY 08: REIL, PAPI(P4L)-GA3.0° TCH 27', Trees. RWY 26: REIL. PAPI(P4L)-GA 3.0° TCH 26'. Trees.

and Christmas Day. 24 hr credit card self service 100LL Fuel.

ACTIVATE MIRL Rwy 08-26, PAPI Rwy 08 and Rwy 26 and REIL

AIRPORT REMARKS: Attended 1400-2200Z‡. Unattended New Years Day G G G C3 C3 03 03 03 03 C3 C3 0 0 0 0 0 0 0 €3 000 G3 G3 €3 C3 C3 C3 C3

WEATHER DATA SOURCES: ASOS 118.325 (440) 576-6907. COMMUNICATIONS: CTAF/UNICOM 122.8 JEFFERSON RCO 122.1R 115.2T (CLEVELAND RADIO) ERIE APP/DEP CON 121.0 (1100-0500Z‡) CLEVELAND CENTER APP/DEP CON 132.4 (0500-1100Z‡) GCO 121.725 (ERIE CLNC) RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

Rwv 08 and Rwv 26-123.3.

JEFFERSON (L) VOR/DME 115.2 JFN

OTS indef.

Chan 99 N41°45.61' W80°44.89' 070° 2.6 NM to fld. 900/5W.

COMM/NAV/WEATHER REMARKS: GCO avbl on freg 121.725 ERI CLNC DEL. Click 4 times for ERI tower and 6 times for Cleveland RADIO, GCO

G GG GG G GG G 0000000 00000000

GG GGG GG G

03 03 ^{C3}

CINCINNATI

DETROIT

H-10G, L-30G

RCO 122.25 (DAYTON RADIO) ATHENS/ALBANY (UNI)

OHIO UNIVERSITY SNYDER FLD FUEL 100LL, JET A RWY 07-25: H5600X100 (ASPH) S-30

ATHENS-ALBANY N39°12.66′ W82°13.89′

10 SW OX 1 MIRI

UTC-5(-4DT) TPA (See remarks)

CINCINNATI H-10G, L-29B

RWY 25: REIL. PAPI(P4L)-GA 3.0° TCH 50'. Trees. AIRPORT REMARKS: Attended continuously. Deer and waterfowl invof arpt. TPA—turbine acft (except helicopters) 2300(1534), multiengine reciprocating 2000(1234), all others 1800(1034), Rwy 07-25 left traffic only. Extensive flight training, make every effort to observe traffic pattern altitudes. Avoid overflight of noise sensitive areas, church 1.8 mi NW of Rwy 25 end and village of Albany 2 mi E of apch end Rwy 25. Rwy 07 REILS located

WEATHER DATA SOURCES: AWOS-3 128.325 (740) 597-2687 TF 1-888-682-4799.

RADIO AIDS TO NAVIGATION: NOTAM FILE EKN. HENDERSON (H) VORTAC 115.9 HNN ILS 108.75 I–UNI Rwy 25. Class IB.

BALTIMORE MILLER FARM LANDING STRIP (7B4) 930 S4 NOTAM FILE DAY

RWY 09-27: 3250X50 (TURF) LIRL (NSTD) RWY 09: Thid dsplcd 270'. Trees.

RWY 27: Thid dspicd 275'. Trees.

HELIPORT REMARKS: Attended Mon-Fri 1300-2100Z‡. Helipad H1 NSTD markings.

UTC-5(-4DT) N39°53.07′ W82°35.34′

LOC unusable inside .5 NM.

N40°06.42′ W80°58.52′

CINCINNATI

DETROIT

COMMUNICATIONS: CTAF/UNICOM 123.075 ATHENS-ALBANY RCO 122.25 (DAYTON RADIO) (R) HUNTINGTON APP/DEP CON 120.95 CLNC DEL 120.95 Chan 106 N38°45.25′ W82°01.57′ 344° 29 NM to fld. 880/3W. UNIVERSITY NDB (MHW) 250 UGS N39°15.44′ W82°07.56′ 247° 5.5 NM to fld. NOTAM FILE DAY.

3 NE

AIRPORT REMARKS: Attended continuously. For rwy lgts call 614-862-6053. No student ops, no touch and go. Rwy 09-27 NSTD LIRL; rwy ends Igtd with 360° red Igts and dsplcd thlds Igtd with 1 360° green Igt each side of rwy. COMMUNICATIONS: CTAF 122.9

BANNOCK HELIPORT (2D6) 0 N UTC-5(-4DT)

NOTAM FILE CLE HELIPAD H1: H20X20 (CONC) **HELIPAD H1:** Antenna.

(See ALLIANCE)

COMMUNICATIONS: CTAF 122.9

1100

BARBER

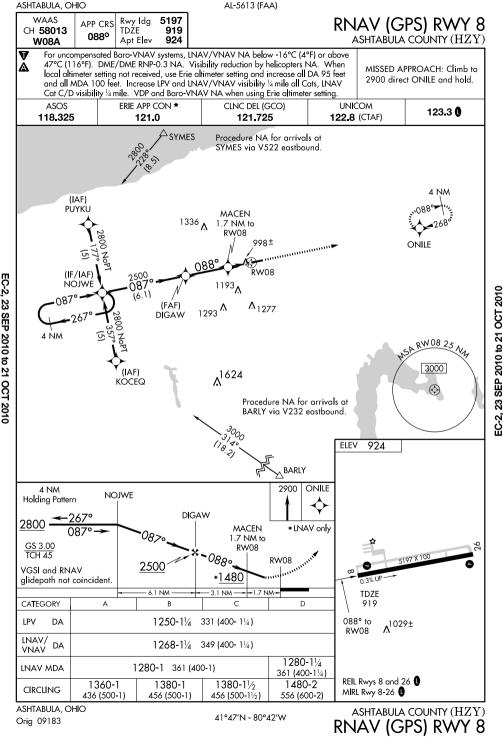
949' from rwy end. ACTIVATE MIRL Rwy 07-25 and REIL Rwy 07 and Rwy 25-CTAF. PAPI Rwy 07 and Rwy 25 opr

RWY 07: REIL. PAPI(P4R)—GA 3.0° TCH 25'. Thid dspicd 900'. Trees.

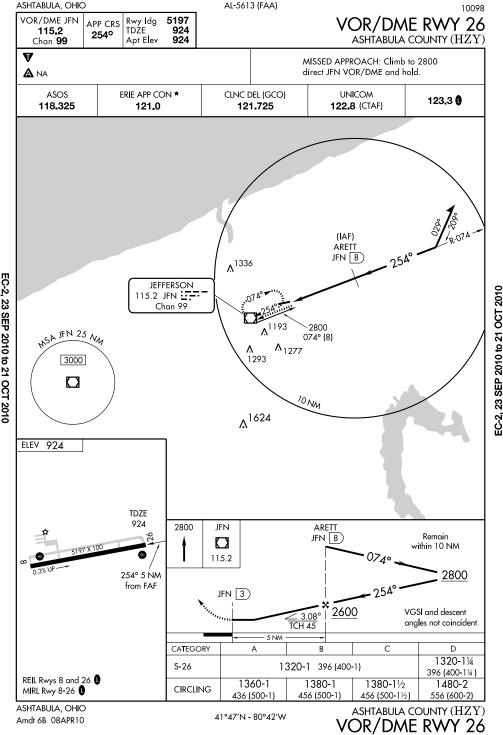
N39°12.71′ W82°13.76′ NOTAM FILE DAY

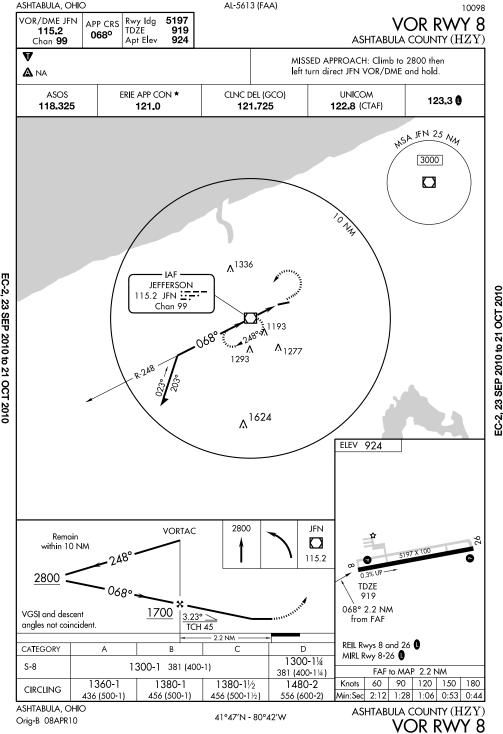
L-29B

IAP



RNAV (GPS) RW





214 OHIO

ASHTABULA CO (HZY) 8 SE UTC-5(-4DT)N41°46.68' W80°41.73' S3 FUEL 100LL, JET A1+ NOTAM FILE HZY RWY 08-26: H5197X100 (ASPH) S-40, D-53 MIRL 0.3% up E RWY 08: REIL, PAPI(P4L)-GA3.0° TCH 27', Trees. RWY 26: REIL. PAPI(P4L)-GA 3.0° TCH 26'. Trees.

and Christmas Day. 24 hr credit card self service 100LL Fuel.

ACTIVATE MIRL Rwy 08-26, PAPI Rwy 08 and Rwy 26 and REIL

AIRPORT REMARKS: Attended 1400-2200Z‡. Unattended New Years Day G G G C3 C3 03 03 03 03 C3 C3 0 0 0 0 0 0 0 €3 000 G3 G3 €3 C3 C3 C3 C3

WEATHER DATA SOURCES: ASOS 118.325 (440) 576-6907. COMMUNICATIONS: CTAF/UNICOM 122.8 JEFFERSON RCO 122.1R 115.2T (CLEVELAND RADIO) ERIE APP/DEP CON 121.0 (1100-0500Z‡) CLEVELAND CENTER APP/DEP CON 132.4 (0500-1100Z‡) GCO 121.725 (ERIE CLNC) RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

Rwv 08 and Rwv 26-123.3.

JEFFERSON (L) VOR/DME 115.2 JFN

OTS indef.

Chan 99 N41°45.61' W80°44.89' 070° 2.6 NM to fld. 900/5W.

COMM/NAV/WEATHER REMARKS: GCO avbl on freg 121.725 ERI CLNC DEL. Click 4 times for ERI tower and 6 times for Cleveland RADIO, GCO

G GG GG G GG G 0000000 00000000

GG GGG GG G

03 03 ^{C3}

CINCINNATI

DETROIT

H-10G, L-30G

RCO 122.25 (DAYTON RADIO) ATHENS/ALBANY (UNI)

OHIO UNIVERSITY SNYDER FLD FUEL 100LL, JET A RWY 07-25: H5600X100 (ASPH) S-30

ATHENS-ALBANY N39°12.66′ W82°13.89′

10 SW OX 1 MIRI

UTC-5(-4DT) TPA (See remarks)

CINCINNATI H-10G, L-29B

RWY 25: REIL. PAPI(P4L)-GA 3.0° TCH 50'. Trees. AIRPORT REMARKS: Attended continuously. Deer and waterfowl invof arpt. TPA—turbine acft (except helicopters) 2300(1534), multiengine reciprocating 2000(1234), all others 1800(1034), Rwy 07-25 left traffic only. Extensive flight training, make every effort to observe traffic pattern altitudes. Avoid overflight of noise sensitive areas, church 1.8 mi NW of Rwy 25 end and village of Albany 2 mi E of apch end Rwy 25. Rwy 07 REILS located

WEATHER DATA SOURCES: AWOS-3 128.325 (740) 597-2687 TF 1-888-682-4799.

RADIO AIDS TO NAVIGATION: NOTAM FILE EKN. HENDERSON (H) VORTAC 115.9 HNN ILS 108.75 I–UNI Rwy 25. Class IB.

BALTIMORE MILLER FARM LANDING STRIP (7B4) 930 S4 NOTAM FILE DAY

RWY 09-27: 3250X50 (TURF) LIRL (NSTD) RWY 09: Thid dsplcd 270'. Trees.

RWY 27: Thid dspicd 275'. Trees.

HELIPORT REMARKS: Attended Mon-Fri 1300-2100Z‡. Helipad H1 NSTD markings.

UTC-5(-4DT) N39°53.07′ W82°35.34′

LOC unusable inside .5 NM.

N40°06.42′ W80°58.52′

CINCINNATI

DETROIT

COMMUNICATIONS: CTAF/UNICOM 123.075 ATHENS-ALBANY RCO 122.25 (DAYTON RADIO) (R) HUNTINGTON APP/DEP CON 120.95 CLNC DEL 120.95 Chan 106 N38°45.25′ W82°01.57′ 344° 29 NM to fld. 880/3W. UNIVERSITY NDB (MHW) 250 UGS N39°15.44′ W82°07.56′ 247° 5.5 NM to fld. NOTAM FILE DAY.

3 NE

AIRPORT REMARKS: Attended continuously. For rwy lgts call 614-862-6053. No student ops, no touch and go. Rwy 09-27 NSTD LIRL; rwy ends Igtd with 360° red Igts and dsplcd thlds Igtd with 1 360° green Igt each side of rwy. COMMUNICATIONS: CTAF 122.9

BANNOCK HELIPORT (2D6) 0 N UTC-5(-4DT)

NOTAM FILE CLE HELIPAD H1: H20X20 (CONC) **HELIPAD H1:** Antenna.

(See ALLIANCE)

COMMUNICATIONS: CTAF 122.9

1100

BARBER

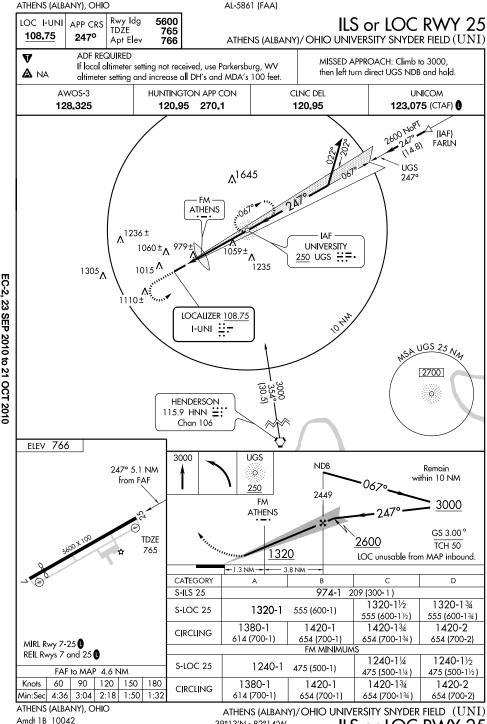
949' from rwy end. ACTIVATE MIRL Rwy 07-25 and REIL Rwy 07 and Rwy 25-CTAF. PAPI Rwy 07 and Rwy 25 opr

RWY 07: REIL. PAPI(P4R)—GA 3.0° TCH 25'. Thid dspicd 900'. Trees.

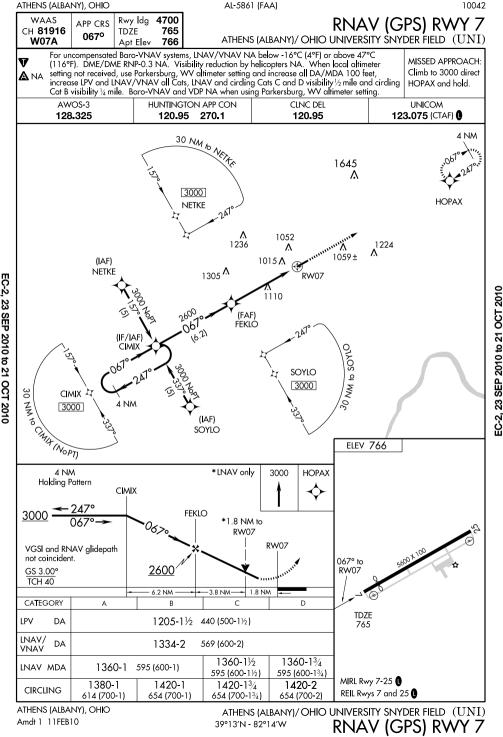
N39°12.71′ W82°13.76′ NOTAM FILE DAY

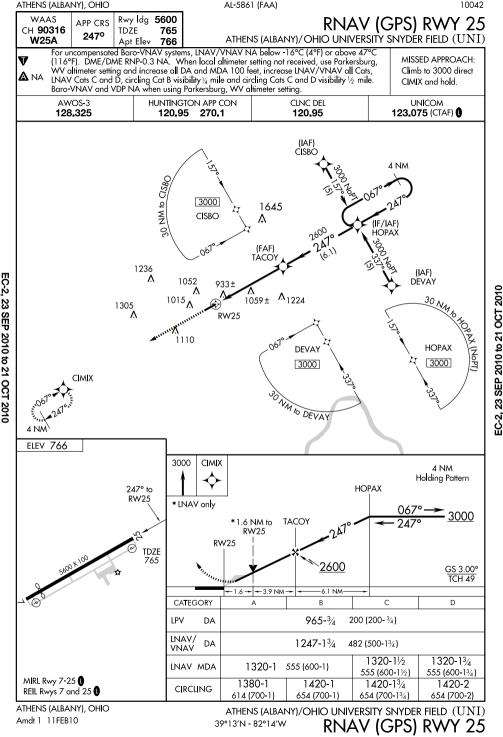
L-29B

IAP



ATHENS (ALBANY), OHIO AL-5861 (FAA) Rwy Idg 5600 NDB RWY 25 NDB UGS APP CRS 765 766 TDŹE 250 247° ATHENS (ALBANY)/OHIO UNIVERSITY SNYDER FIELD (UNI)Apt Elev V MISSED APPROACH: Climb to 3000, then left turn direct If local altimeter setting not received, use Parkersburg, A WV altimeter setting and increase all MDAs 100 feet. UGS NDB and hold. AWOS-3 HUNTINGTON APP CON CLNC DEL **UNICOM** 128.325 120.95 270.1 120,95 123,075 (CTAF) 0 OHN ۸¹⁶⁴⁵ EC-2, 23 SEP 2010 to 21 OCT 2010 FM ∧^{1236±} **ATHENS** UNIVERSITY 1060± A 250 UGS **∷**= **^**. 1015**^** 1305**∧ 1**039 1110±Azimin NSA UGS 25 NA 2700 ELEV 766 3000 -354° (30.5) 247° 5.1 NM from FAF **HENDERSON** 115.9 HNN ∺ Chan 106 1686 3000 **UGS** NDB **TDZE** Remain 765 0 within 10 NM 0_{6>°} 250 3000 2500 3.16° TCH 41 5.1 NM -MIRL Rwy 7-25 (CATEGORY C D Α REIL Rwys 7 and 25 1 1380-134 1380-2 S-25 1380-1 615 (700-1) FAF to MAP 5.1 NM 615 (700-2) 615 (700-1%) Knots 90 120 150 180 1380-1 1420-1 1420-134 1420-2 **CIRCLING** 2:02 Min:Sec 5:06 3:24 2:33 1:42 614 (700-1) 654 (700-1) 654 (700-134) 654 (700-2) ATHENS (ALBANY), OHIO ATHENS (ALBANY)/ OHIO UNIVERSITY SNYDER FIELD (UNI)Amdt 9A 10042 39°13′N - 82°14′W NDB RWY 25





215 UHIO BARNESVILLE-BRADFIELD (6G5) 1 NW UTC-5(-4DT) N40°00.15′ W81°11.51′ DETROIT 1312 B S4 FUEL 100LL, JET A NOTAM FILE CLE L-29B RWY 09-27: H4004X65 (ASPH) S-30 MIRL IAP RWY 09: Thid dspled 299'. Road. RWY 27: REIL. Trees. AIRPORT REMARKS: Attended dalgt hrs. Deer and other wildlife on and invof arpt, ACTIVATE rotating bcn, MIRL Rwv 09-27 and REIL Rwv **3** 27-CTAF. COMMUNICATIONS: CTAF/UNICOM 123.0 BELLAIRE RCO 122.1R 117.1T (CLEVELAND RADIO) CLEVELAND CENTER APP/DEP CON 120.4 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

BELLAIRE (H) VOR/DME 117.1 AIR Chan 118 N40°01.02' W80°49.04' 274° 17.3 NM to fld. 1290/7W. 4004 X 65 Residentia Area (169) 2 W UTC-5(-4DT) N39°04.70′ W84°12.61′ CINCINNATI L-27E

IAP

BATAVIA CLERMONT CO FUEL 100LL, JET A TPA-1843(1000) NOTAM FILE DAY S4 RWY 04-22: H3566X75 (ASPH) MIRL 0.9% up SW RWY 04: REIL. PAPI(P2L)-GA 4.0°. Thid dsplcd 396'. Road. RWY 22: REIL(NSTD). PAPI(P2L)-GA 3.0°. Trees. AIRPORT REMARKS: Attended Mon-Thu 1400Z±-dusk, Fri-Sat 1400-2200Z±, Sun 1600Z±-dusk, Deer and other

animals on and invof arpt. ACTIVATE MIRL Rwy 04-22, PAPI and REIL Rwy 04 and Rwy 22-CTAF. Taxi on hard

surface only. COMMUNICATIONS: CTAF/UNICOM 122 975

(R) CINCINNATI APP/DEP CON 121.0 CLNC DEL 124.9 RADIO AIDS TO NAVIGATION: NOTAM FILE LOU. SPORTYS NDB (MHW) 245 PWF N39°04.06′ W84°12.92′ at fld. NOTAM FILE DAY. NDB unusable bvd 15 NM.

FALMOUTH, KY (H) VOR/DME 117.0 FLM Chan 117 N38°38.97′ W84°18.64′ 014° 26.1 NM to fld. 810/4W. BEACH CITY (2D7) 1 E UTC-5(-4DT) N40°38.80′ W81°33.37′

TPA-1800(816) NOTAM FILE CLE 984 B RWY 10-28: 3175X115 (TURF) LIRL (NSTD) 0.5% up E

RWY 10: REIL. VASI(V2L). Thid dsplcd 425'. P-line. RWY 28: REIL, VASI(V2R), Thid dsplcd 734', P-line.

DETROIT L-29B IAP AIRPORT REMARKS: Attended irregularly. No ultralight acft 1 NM radius. Rwy 10-28 NSTD LIRL; dsplcd thlds unlighted. ACTIVATE NSTD LIRL Rwy 10-28, Rwy 10 REIL and REIL Rwy 28, and rotating bcn-122.85. Rwy 10-28 dsplcd thId marked with thId Igts on 1' day glo red containers. Rwy 10-28 numbers incorrect.

COMMUNICATIONS: CTAF/UNICOM 122.8

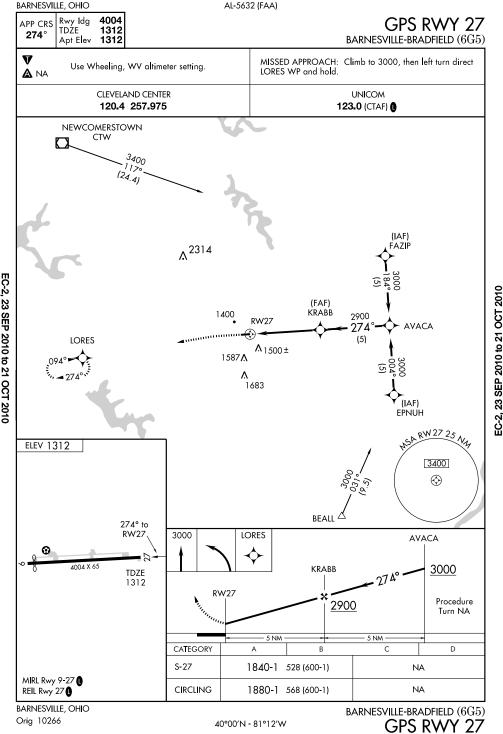
(R) AKRON-CANTON APP/DEP CON 125.5 (1100-0500Z±) (R)CLEVELAND CENTER APP/DEP CON 134.9 (0500-1100Z±)

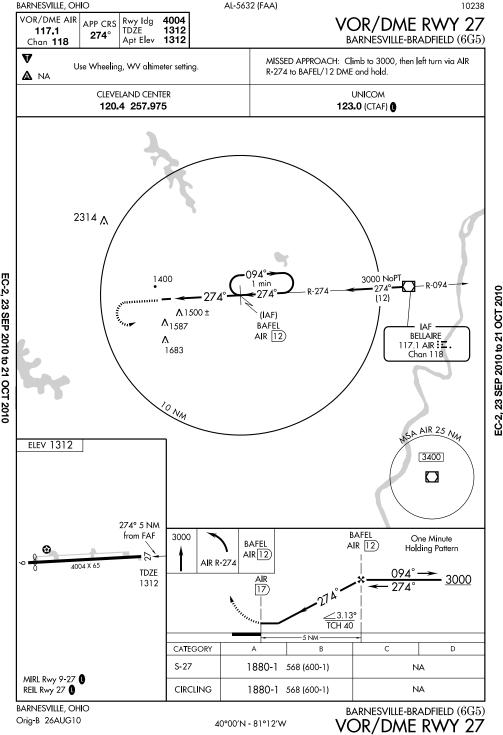
RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

NEWCOMERSTOWN (L) VOR/DME 111.8 CTW Chan 55 N40°13.75′ W81°28.59′ 359° 25.3 NM to fld. 1180/7W. HIWAS.

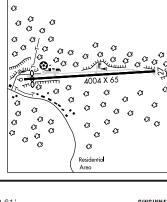
BELLAIRE N40°01.02′ W80°49.04′ NOTAM FILE CLE. DETROIT (H) VOR/DME 117.1 AIR Chan 118 274° 17.3 NM to Barnesville—Bradfield. 1290/7W. H-10G, L-29B

VOR portion unusable 329°-349° below 6000'. RCO 122 1R 117 1T (CLEVELAND RADIO)





215 UHIO BARNESVILLE-BRADFIELD (6G5) 1 NW UTC-5(-4DT) N40°00.15′ W81°11.51′ DETROIT 1312 B S4 FUEL 100LL, JET A NOTAM FILE CLE L-29B RWY 09-27: H4004X65 (ASPH) S-30 MIRL IAP RWY 09: Thid dspled 299'. Road. RWY 27: REIL. Trees. AIRPORT REMARKS: Attended dalgt hrs. Deer and other wildlife on and invof arpt, ACTIVATE rotating bcn, MIRL Rwv 09-27 and REIL Rwv **3** 27-CTAF. COMMUNICATIONS: CTAF/UNICOM 123.0 BELLAIRE RCO 122.1R 117.1T (CLEVELAND RADIO) CLEVELAND CENTER APP/DEP CON 120.4 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. BELLAIRE (H) VOR/DME 117.1 AIR Chan 118 N40°01.02'



BATAVIA CLERMONT CO (169) 2 W UTC-5(-4DT) N39°04.70′ W84°12.61′ FUEL 100LL, JET A TPA-1843(1000) NOTAM FILE DAY S4 RWY 04-22: H3566X75 (ASPH) MIRL 0.9% up SW RWY 04: REIL. PAPI(P2L)-GA 4.0°. Thid dsplcd 396'. Road.

RWY 22: REIL(NSTD). PAPI(P2L)-GA 3.0°. Trees.

surface only. COMMUNICATIONS: CTAF/UNICOM 122 975

RCO 122 1R 117 1T (CLEVELAND RADIO)

W80°49.04' 274° 17.3 NM to fld. 1290/7W.

CINCINNATI L-27E IAP AIRPORT REMARKS: Attended Mon-Thu 1400Z±-dusk, Fri-Sat 1400-2200Z±, Sun 1600Z±-dusk, Deer and other animals on and invof arpt. ACTIVATE MIRL Rwy 04-22, PAPI and REIL Rwy 04 and Rwy 22-CTAF. Taxi on hard (R) CINCINNATI APP/DEP CON 121.0 CLNC DEL 124.9

RADIO AIDS TO NAVIGATION: NOTAM FILE LOU.

SPORTYS NDB (MHW) 245 PWF N39°04.06′ W84°12.92′ at fld. NOTAM FILE DAY.

FALMOUTH, KY (H) VOR/DME 117.0 FLM Chan 117 N38°38.97′ W84°18.64′ 014° 26.1 NM to fld. 810/4W.

NDB unusable bvd 15 NM.

BEACH CITY (2D7) 1 E UTC-5(-4DT) N40°38.80′ W81°33.37′ TPA-1800(816) NOTAM FILE CLE 984 B

RWY 10-28: 3175X115 (TURF) LIRL (NSTD) 0.5% up E RWY 28: REIL, VASI(V2R), Thid dsplcd 734', P-line.

RWY 10: REIL. VASI(V2L). Thid dsplcd 425'. P-line.

DETROIT thId marked with thId Igts on 1' day glo red containers. Rwy 10-28 numbers incorrect. COMMUNICATIONS: CTAF/UNICOM 122.8

L-29B IAP AIRPORT REMARKS: Attended irregularly. No ultralight acft 1 NM radius. Rwy 10-28 NSTD LIRL; dsplcd thlds unlighted. ACTIVATE NSTD LIRL Rwy 10-28, Rwy 10 REIL and REIL Rwy 28, and rotating bcn-122.85. Rwy 10-28 dsplcd (R) AKRON-CANTON APP/DEP CON 125.5 (1100-0500Z±) (R)CLEVELAND CENTER APP/DEP CON 134.9 (0500-1100Z±)

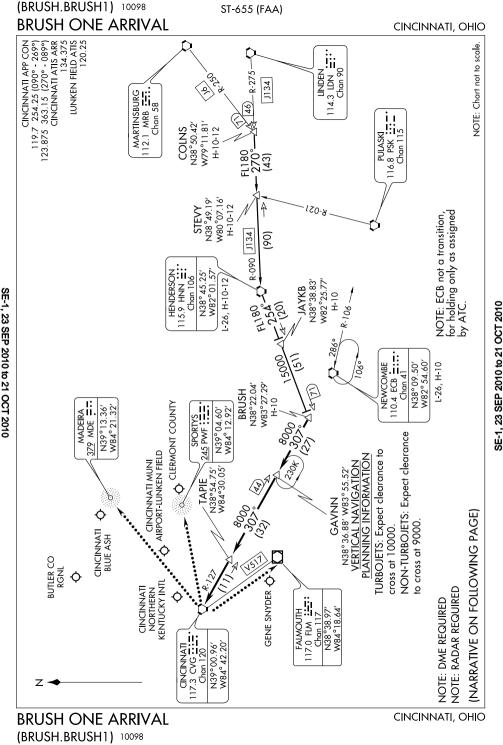
RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

NEWCOMERSTOWN (L) VOR/DME 111.8 CTW Chan 55 N40°13.75′ W81°28.59′ 359° 25.3 NM to fld.

1180/7W. HIWAS.

DETROIT

BELLAIRE N40°01.02′ W80°49.04′ NOTAM FILE CLE. (H) VOR/DME 117.1 AIR Chan 118 274° 17.3 NM to Barnesville—Bradfield. 1290/7W. H-10G, L-29B VOR portion unusable 329°-349° below 6000'.



BRUSH ONE ARRIVAL

ARRIVAL DESCRIPTION

ST-655 (FAA)

COLNS TRANSITION (COLNS.BRUSH1): From over COLNS INT via HNN R-090 to HNN VORTAC, then via HNN R-254 to BRUSH. Thence. . . .

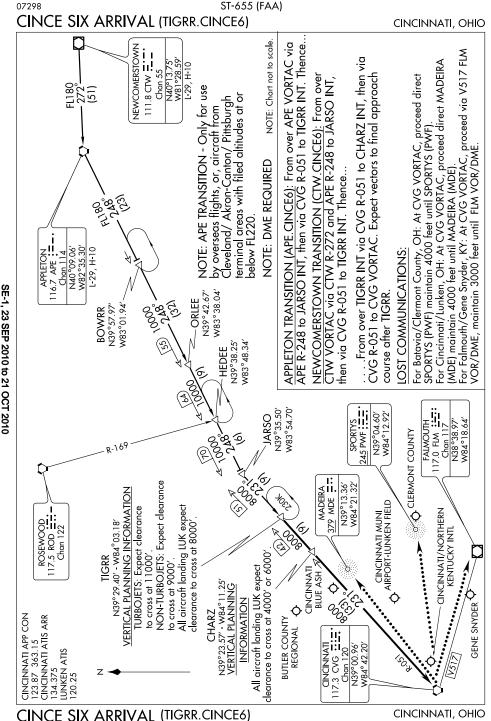
HENDERSON TRANSITION (HNN.BRUSH1): From over HNN VORTAC via HNN R-254 to BRUSH. Thence. . . .

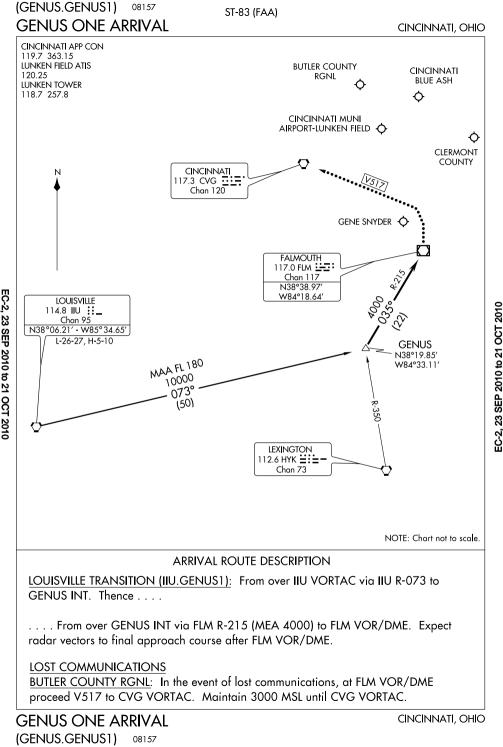
. . . . From over BRUSH via CVG R-127 to GAVNN, then via CVG R-127 to TAPIE, then via CVG R-127 to CVG VORTAC. Expect vectors to final approach course after GAVNN.

LOST COMMUNICATIONS:

For Batavia/Clermont County, OH: At CVG VORTAC, proceed direct SPORTYS (PWF) maintain 4000 feet until SPORTYS (PWF). For Cincinnati/Lunken, OH: At CVG VORTAC, proceed direct MADEIRA (MDE) maintain 4000 feet until MADEIRA (MDE). For Falmouth/Gene Snyder, KY: At CVG VORTAC, proceed via V517 FLM

VOR/DME, maintain 3000 feet until FLM VOR/DME.





09015 ST-655 (FAA) HARDU TWO ARRIVAL (JAKIE. HARDU2) CINCINNATI, OHIO CINCINNATI APP CON 123.87 363.15 BUTLER COUNTY & CINCINNATI ATIS ARR 134.375 **RGNL** LUNKEN FIELD ATIS 120.25 MADEIRA CINCINNATI 379 MDE = .. BLUE ASH N39°13.36′ W84° 21.32′ **SPORTYS** 245 PWF == CINCINNATI CINCINNATI N39°04.60 CINCINNATI MUNI 117.3 CVG **NORTHERN** W84° 12.92 AIRPORT-LUNKEN FIELD Chan 120 KENTUCKY INTL N39°00.96′ W84° 42.20' CLERMONT COUNTY **JAKIE** N38° 25.92′ W84° 09.18′ **ZETLA** VERTICAL NAVIGATION GENE SNYDER N38° 55.70' PLANNING INFORMATION W84° 44.62' TURBOJETS: Expect clearance to cross at 11000'. SE-1, 23 SEP 2010 to 21 OCT 2010 1261 NON-TURBOJETS: Expect clearance to cross at 9000'. **FALMOUTH** NEWCOMBE 117.0 FLM :==: Chan 117 110.4 ECB **±:..**∙ Chan 41 N38° 38.97 N38°09.50′ W84° 18.64′ W82°54.60′ R-107 R-106 -**LEXINGTON** 112.6 HYK =:= Chan 73 **HARDU** N37° 46.69' **TAYOS** W83° 41.15' N37°38.37' W83° 35.29' NOTE: DME Required. CHEDA NOTE: ECB not a transition, for holding only N37°19.79' as assigned by ATC. W83°38.64' **PACKO** N36° 47.10′ 8 W82°42.70′ 48) 1/80 **ARTUR** N36°31.97′ (3₅₎ W83°47.12 R-279 FL180 011°-(38) VOLUNTEER 116.4 VXV :::-Chan 111 HOLSTON MOUNTAIN 114.6 HMV ∷-Chan 93 N35°54.29′ - W83°53.68′ N36° 26.22′ - W82° 07.77 L-25, H-9-12 (NARRATIVE ON FOLLOWING PAGE) L-25, H-9-12 NOTE: Chart not to scale.

HARDU TWO ARRIVAL (JAKIE.HARDU2)

SE-1, 23 SEP 2010 to 21 OCT 2010

HARDU TWO ARRIVAL (JAKIE HARDU2)

ARRIVAL DESCRIPTION

HOLSTON MOUNTAIN TRANSITION (HMV.HARDU2): From over HMV VORTAC via HMV R-311 and VXV R-011 to TAYOS INT, then via FLM R-154 to JAKIE INT. Thence. . . .

VOLUNTEER TRANSITION (VXV.HARDU2): From over VXV VORTAC via VXV R-011 and FLM R-154 to JAKIE INT. Thence. . . .

. .From over JAKIE INT via FLM R-154 to FLM VOR/DME, then via FLM R-314 to ZETLA INT. Expect vectors to final approach course after JAKIE INT.

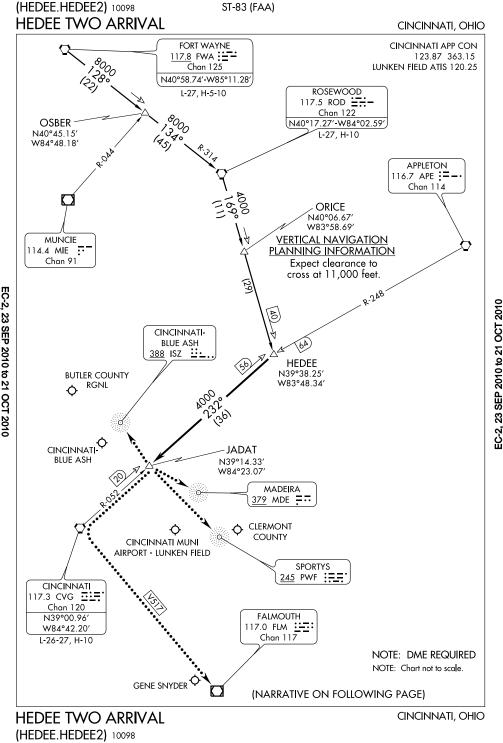
LOST COMMUNICATIONS:

For Batavia/Clermont County, OH: At ZETLA INT, proceed direct to CVG VORTAC then direct SPORTYS (PWF). Maintain 4000 feet until SPORTYS (PWF). For Butler County Rgnl, OH: At ZETLA INT, proceed direct to CVG VORTAC.

Maintain 3000 feet until CVG VORTAC. For Cincinnati/Blue Ash, OH: At ZETLA INT, proceed direct CVG VORTAC, then V517 FLM VOR/DME. Maintain 4000 feet until FLM VOR/DME. For Cincinnati/Lunken, OH: At ZETLA INT, proceed direct CVG VORTAC then

direct MADEIRA (MDE). Maintain 4000 until MADEIRA (MDE). For Falmouth/Gene Snyder, KY: At ZETLA INT, proceed direct CVG VORTAC

then via V517 FLM VOR/DME. Maintain 3000 feet until FLM VOR/DME.



ARRIVAL ROUTE DESCRIPTION

FORT WAYNE TRANSITION (FWA.HEDEE2): From over FWA VORTAC via FWA

R-128 to OSBER/FWA 22 DME, then via ROD R-314 to ROD VORTAC, then via ROD R-169 to HEDEE INT. Thence. . . .

ROSEWOOD TRANSITION (ROD.HEDEE2): From over ROD VORTAC via ROD R-169 to HEDEE INT. Thence. . . .

....From over HEDEE INT via CVG R-052 (MEA 4,000) to JADAT/CVG 20 DME, expect radar vectors to final approach course at JADAT.

LOST COMMUNICATION PROCEDURE
In the event of lost communications for:

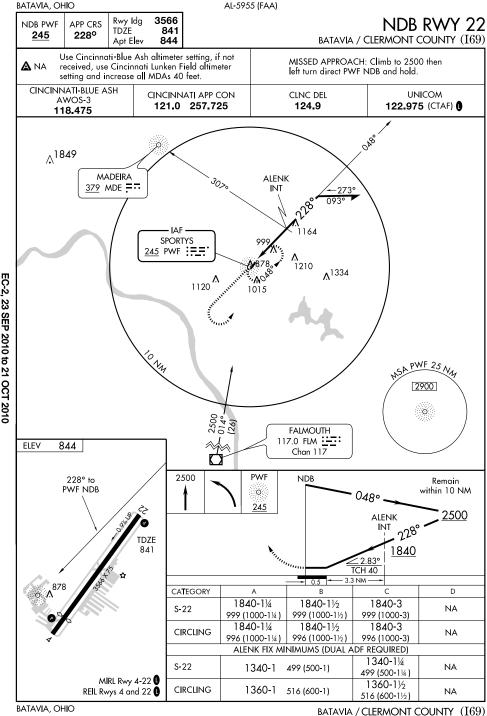
CINCINNATI MUNI AIRPORT - LUNKEN FIELD - At JADAT, proceed direct MADEIRA (MDE) maintain 4,000 feet until MADEIRA (MDE).

CINCINNATI BLUE ASH - At JADAT, proceed direct BLUE ASH (ISZ), maintain 4,000 feet until BLUE ASH (ISZ).

CLERMONT COUNTY - At JADAT, proceed direct SPORTYS (PWF), maintain 4,000 feet until SPORTYS (PWF).

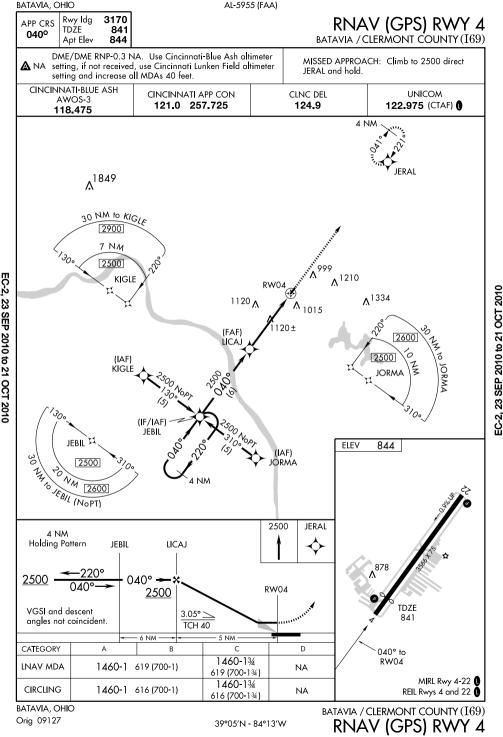
GENE SNYDER - At JADAT, proceed direct CVG VORTAC then via V517 to FLM VOR/DME, maintain 4,000 feet until FLM VOR/DME.

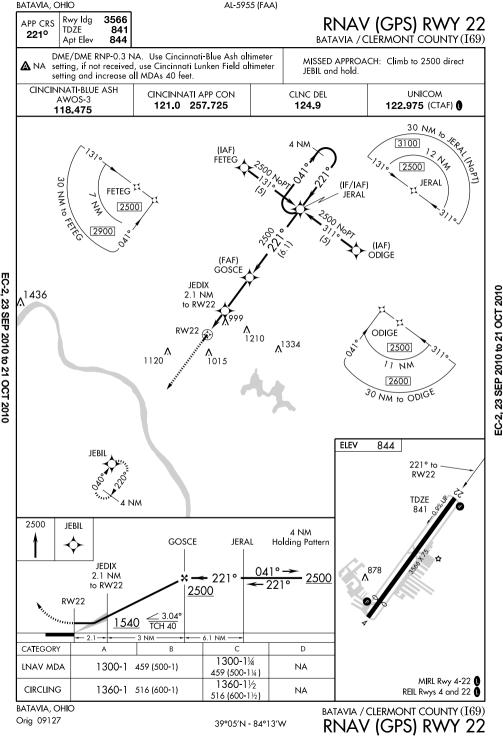
HEDEE TWO ARRIVAL (HEDEE.HEDEE2) 10154

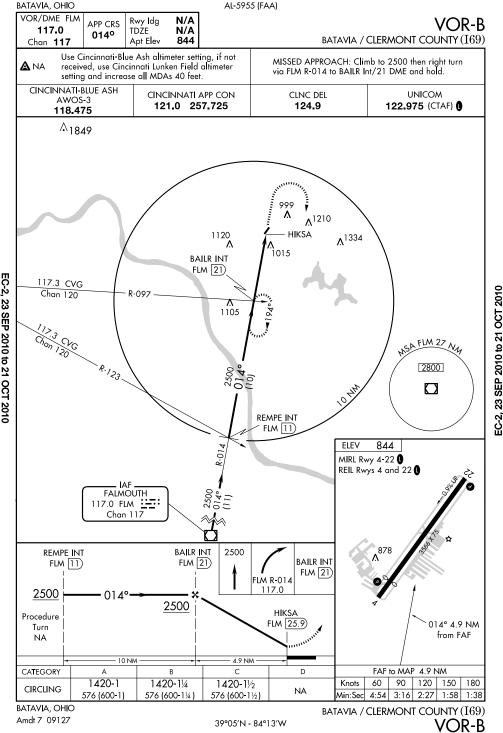


Amdt 1 09127

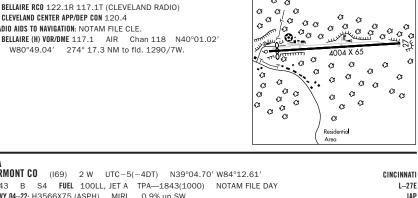
EC-2, 23 SEP 2010 to 21 OCT 2010







215 UHIO BARNESVILLE-BRADFIELD (6G5) 1 NW UTC-5(-4DT) N40°00.15′ W81°11.51′ DETROIT 1312 B S4 FUEL 100LL, JET A NOTAM FILE CLE L-29B RWY 09-27: H4004X65 (ASPH) S-30 MIRL IAP RWY 09: Thid dspled 299'. Road. RWY 27: REIL. Trees. AIRPORT REMARKS: Attended dalgt hrs. Deer and other wildlife on and invof arpt, ACTIVATE rotating bcn, MIRL Rwv 09-27 and REIL Rwv **3** 27-CTAF. COMMUNICATIONS: CTAF/UNICOM 123.0 BELLAIRE RCO 122.1R 117.1T (CLEVELAND RADIO) CLEVELAND CENTER APP/DEP CON 120.4 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.



(169) 2 W UTC-5(-4DT) N39°04.70′ W84°12.61′ FUEL 100LL, JET A TPA-1843(1000) NOTAM FILE DAY S4 RWY 04-22: H3566X75 (ASPH) MIRL 0.9% up SW RWY 04: REIL. PAPI(P2L)-GA 4.0°. Thid dsplcd 396'. Road. RWY 22: REIL(NSTD). PAPI(P2L)-GA 3.0°. Trees. surface only.

BATAVIA CLERMONT CO AIRPORT REMARKS: Attended Mon-Thu 1400Z±-dusk, Fri-Sat 1400-2200Z±, Sun 1600Z±-dusk, Deer and other animals on and invof arpt. ACTIVATE MIRL Rwy 04-22, PAPI and REIL Rwy 04 and Rwy 22-CTAF. Taxi on hard COMMUNICATIONS: CTAF/UNICOM 122 975

(R) CINCINNATI APP/DEP CON 121.0 CLNC DEL 124.9 RADIO AIDS TO NAVIGATION: NOTAM FILE LOU. SPORTYS NDB (MHW) 245 PWF N39°04.06′ W84°12.92′ at fld. NOTAM FILE DAY.

FALMOUTH, KY (H) VOR/DME 117.0 FLM Chan 117 N38°38.97′ W84°18.64′ 014° 26.1 NM to fld. 810/4W.

NDB unusable bvd 15 NM.

BEACH CITY (2D7) 1 E UTC-5(-4DT) N40°38.80′ W81°33.37′

DETROIT

TPA-1800(816) NOTAM FILE CLE 984 B RWY 10-28: 3175X115 (TURF) LIRL (NSTD) 0.5% up E RWY 10: REIL. VASI(V2L). Thid dsplcd 425'. P-line. RWY 28: REIL, VASI(V2R), Thid dsplcd 734', P-line.

thId marked with thId Igts on 1' day glo red containers. Rwy 10-28 numbers incorrect.

COMMUNICATIONS: CTAF/UNICOM 122.8

L-29B IAP AIRPORT REMARKS: Attended irregularly. No ultralight acft 1 NM radius. Rwy 10-28 NSTD LIRL; dsplcd thlds unlighted. ACTIVATE NSTD LIRL Rwy 10-28, Rwy 10 REIL and REIL Rwy 28, and rotating bcn-122.85. Rwy 10-28 dsplcd (R) AKRON-CANTON APP/DEP CON 125.5 (1100-0500Z±) (R)CLEVELAND CENTER APP/DEP CON 134.9 (0500-1100Z±)

RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

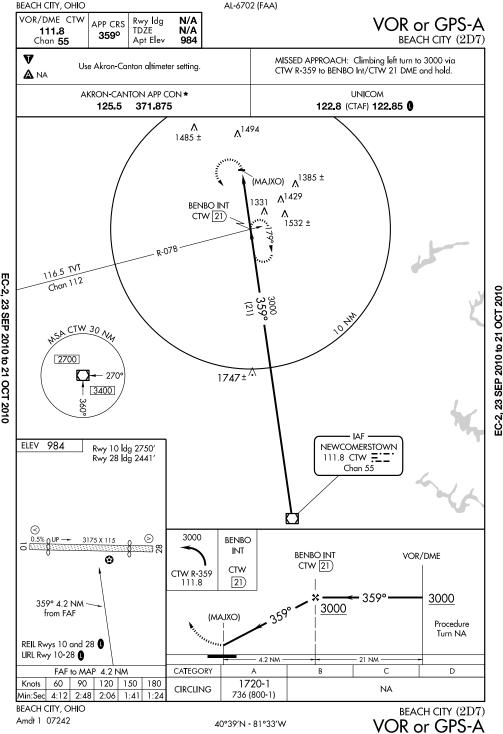
NEWCOMERSTOWN (L) VOR/DME 111.8 CTW Chan 55 N40°13.75′ W81°28.59′ 359° 25.3 NM to fld.

1180/7W. HIWAS.

BELLAIRE N40°01.02′ W80°49.04′ NOTAM FILE CLE. DETROIT (H) VOR/DME 117.1 AIR Chan 118 274° 17.3 NM to Barnesville—Bradfield. 1290/7W. H-10G, L-29B

VOR portion unusable 329°-349° below 6000'.

RCO 122 1R 117 1T (CLEVELAND RADIO)



216 UHIU

BELLEFONTAINE RGNL (EDJ) 3 W UTC-5(-4DT) N40°22.34′ W83°49.16′ DETROIT 1122 B S2 FUEL 100LL, JET A1+ NOTAM FILE DAY RWY 07-25: H4999X100 (ASPH) MIRL 0.4% up NE RWY 07: REIL, PAPI(P4L)—GA 3.0° TCH 40', P-line. RWY 25: REIL. PAPI(P4L)—GA 4.0° TCH 57'. Fence. AIRPORT REMARKS: Attended Mon-Fri 1300Z±-dusk, Sat-Sun 1300-2200Z±, ACTIVATE MIRL Rwy 07-25, PAPI Rwys

WEATHER DATA SOURCES: AWOS-3 118.075 (937) 599-4654. COMMUNICATIONS: CTAF/UNICOM 122.8 (R) DAYTON APP/DEP CON 118.425 (360°-090°) RADIO AIDS TO NAVIGATION: NOTAM FILE DAY. ROSEWOOD (H) VORTAC 117.5 ROD Chan 122 N40°17.27′ W84°02.59′ 069° 11.5 NM to fld.

1080/5W. NDB (MHW) 242 EDJ N40°22.26′ W83°48.83′ at fld. NOTAM FILE DAY. COMM/NAV/WEATHER REMARKS: AWOS-3 visibility and precipitation unreliable.

07, 25 and REIL Rwys 07 and 25-CTAF.

BENTON RIDGE N41°01.27′ W83°40.15′

NOTAM FILE FDY. NDB (MHW) 334 BNR at Findlay. Unmonitored.

BLOOM (See JAMESTOWN)

BLUFFTON (5G7) 1 SE UTC-5(-4DT) N40°53.13′ W83°52.12′ 53

FUEL 100LL, JET A TPA-1851(1000) NOTAM FILE CLE RWY 05-23: H4126X75 (ASPH) S-12.5 RWY 23: REIL. PAPI(P4L). Trees.

AIRPORT REMARKS: Attended 1300-2300Z‡. PAEW 1300-2200Z‡ Mon-Fri. Twy marked with reflectors. ACTIVATE COMMUNICATIONS: CTAF/UNICOM 122.8

MIRL Rwv 05-23 and PAPI Rwv 23 REIL Rwv 23-CTAF. (R) TOLEDO APP/DEP CON 120.8 RADIO AIDS TO NAVIGATION: NOTAM FILE FDY.

FINDLAY (L) VORTAC 108.2 FDY Chan 19 N40°57.32′ W83°45.36′ 233° 6.6 NM to fld. 820/2W. COMM/NAV/WEATHER REMARKS: Unicom monitored irregularly.

BOLTON FLD (See COLUMBUS) BORDNER (See BOWLING GREEN)

BOUTN N39°49.16′ W83°12.29′ NOTAM FILE DAY. NDB (MHW/LOM) 230 BU 038° 5.8 NM to Bolton Fld. Unmonitored when twr clsd. NDB unusable 355°-010° beyond 15 NM.

BOWLING GREEN BORDNER (3D8) 4 SW UTC-5(-4DT) N41°20.16′ W83°43.39′ NOTAM FILE CLE 690

RWY 09: P-line. Rgt tfc.

RWY 09-27: 2703X30 (TURF) S-5 LIRL COMMUNICATIONS: CTAF 122.9

WOOD CO (1GØ)

RWY 18: REIL. PAPI(P4L).

and PAPI Rwy 18-CTAF.

BRACEVILLE

COMMUNICATIONS: CTAF/UNICOM 122.8 (R) TOLEDO APP/DEP CON 126.1

RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. WATERVILLE (L) VOR/DME 113.1

(See NEWTON FALLS)

1 NE UTC-5(-4DT) N41°23.46′ W83°37.81′ FUEL 100LL, JET A TPA-1700(1027) NOTAM FILE CLE

RWY 10-28: H4199X75 (ASPH) MIRL

RWY 27: Trees. AIRPORT REMARKS: Unattended. Parachute Jumping. Arpt CLOSED indef. For LIRL Rwy 09-27 call 419-352-5200.

RWY 10: REIL. PAPI(P4L). RWY 28: REIL. PAPI(P4L). Rgt tfc. RWY 18-36: H2628X50 (ASPH) MIRL

WEATHER DATA SOURCES: AWOS-3 120.725 (419) 354-1415.

CLNC DEL 125.6

RWY 36: Thid dsplcd 57'. Road. Rgt tfc. AIRPORT REMARKS: Attended Nov-Apr 1300-2300Z‡, May-Oct 1300-0000Z‡. Flocks of geese on and invof arpt during fall and winter. 160' AGL stadium lgts .6 NM SE of arpt. Rwy 28 is the calm wind rwy. Rwy 10 REIL OTS indef. Rwy 10 VASI OTS indef. ACTIVATE MIRL Rwy 10-28 and Rwy 18-36; REIL Rwy 10, Rwy 18, and Rwy 28

VWV Chan 78 N41°27.09′ W83°38.32′

176° 3.7 NM to fld. 660/2W.

DETROIT L-28J DETROIT

L-27E

IAP

L-27E

IAP

CINCINNATI

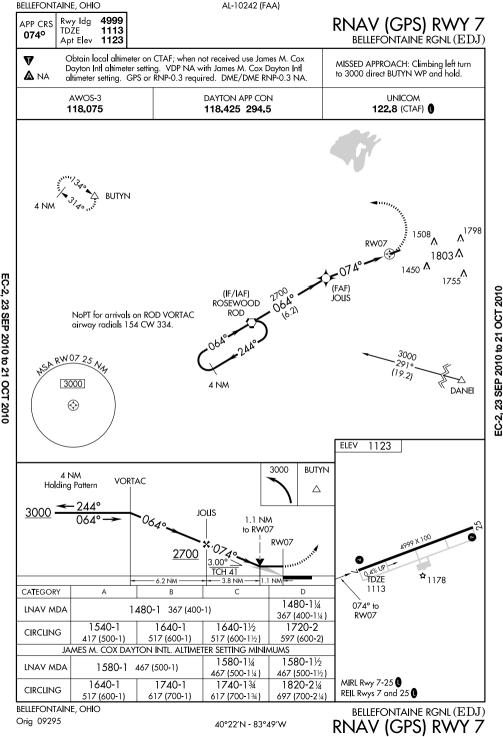
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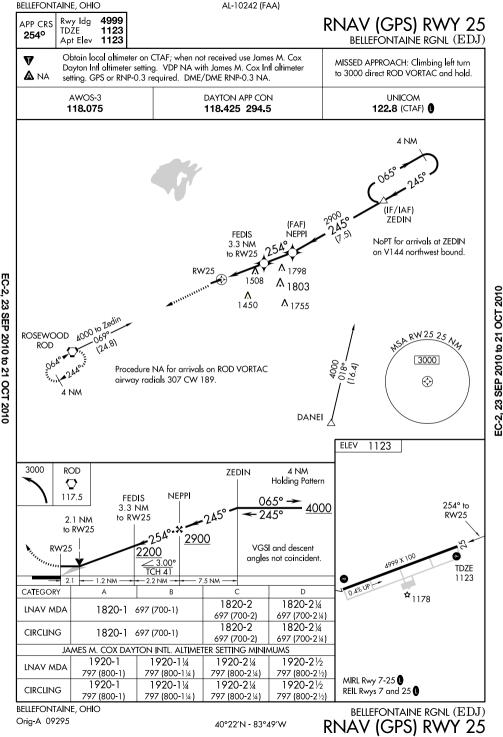
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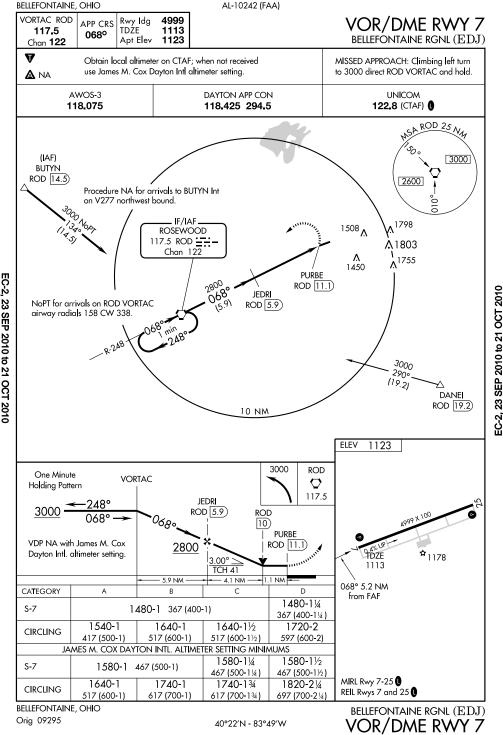
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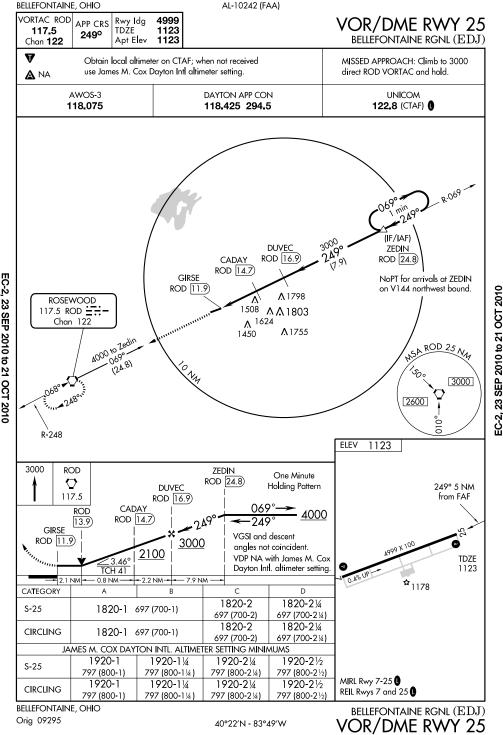
L-28J

IAP









216 UHIU

BELLEFONTAINE RGNL (EDJ) 3 W UTC-5(-4DT) N40°22.34′ W83°49.16′ DETROIT 1122 B S2 FUEL 100LL, JET A1+ NOTAM FILE DAY RWY 07-25: H4999X100 (ASPH) MIRL 0.4% up NE RWY 07: REIL, PAPI(P4L)—GA 3.0° TCH 40', P-line. RWY 25: REIL. PAPI(P4L)—GA 4.0° TCH 57'. Fence. AIRPORT REMARKS: Attended Mon-Fri 1300Z±-dusk, Sat-Sun 1300-2200Z±, ACTIVATE MIRL Rwy 07-25, PAPI Rwys

WEATHER DATA SOURCES: AWOS-3 118.075 (937) 599-4654. COMMUNICATIONS: CTAF/UNICOM 122.8 (R) DAYTON APP/DEP CON 118.425 (360°-090°) RADIO AIDS TO NAVIGATION: NOTAM FILE DAY. ROSEWOOD (H) VORTAC 117.5 ROD Chan 122 N40°17.27′ W84°02.59′ 069° 11.5 NM to fld.

1080/5W. NDB (MHW) 242 EDJ N40°22.26′ W83°48.83′ at fld. NOTAM FILE DAY. COMM/NAV/WEATHER REMARKS: AWOS-3 visibility and precipitation unreliable.

07, 25 and REIL Rwys 07 and 25-CTAF.

BENTON RIDGE N41°01.27′ W83°40.15′

NOTAM FILE FDY. NDB (MHW) 334 BNR at Findlay. Unmonitored.

BLOOM (See JAMESTOWN)

BLUFFTON (5G7) 1 SE UTC-5(-4DT) N40°53.13′ W83°52.12′ 53

FUEL 100LL, JET A TPA-1851(1000) NOTAM FILE CLE RWY 05-23: H4126X75 (ASPH) S-12.5 RWY 23: REIL. PAPI(P4L). Trees.

AIRPORT REMARKS: Attended 1300-2300Z‡. PAEW 1300-2200Z‡ Mon-Fri. Twy marked with reflectors. ACTIVATE COMMUNICATIONS: CTAF/UNICOM 122.8

MIRL Rwv 05-23 and PAPI Rwv 23 REIL Rwv 23-CTAF. (R) TOLEDO APP/DEP CON 120.8 RADIO AIDS TO NAVIGATION: NOTAM FILE FDY.

FINDLAY (L) VORTAC 108.2 FDY Chan 19 N40°57.32′ W83°45.36′ 233° 6.6 NM to fld. 820/2W. COMM/NAV/WEATHER REMARKS: Unicom monitored irregularly.

BOLTON FLD (See COLUMBUS) BORDNER (See BOWLING GREEN)

BOUTN N39°49.16′ W83°12.29′ NOTAM FILE DAY. NDB (MHW/LOM) 230 BU 038° 5.8 NM to Bolton Fld. Unmonitored when twr clsd. NDB unusable 355°-010° beyond 15 NM.

BOWLING GREEN BORDNER (3D8) 4 SW UTC-5(-4DT) N41°20.16′ W83°43.39′ NOTAM FILE CLE 690

RWY 09: P-line. Rgt tfc.

RWY 09-27: 2703X30 (TURF) S-5 LIRL COMMUNICATIONS: CTAF 122.9

WOOD CO (1GØ)

RWY 18: REIL. PAPI(P4L).

and PAPI Rwy 18-CTAF.

BRACEVILLE

COMMUNICATIONS: CTAF/UNICOM 122.8 (R) TOLEDO APP/DEP CON 126.1

RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. WATERVILLE (L) VOR/DME 113.1

(See NEWTON FALLS)

1 NE UTC-5(-4DT) N41°23.46′ W83°37.81′ FUEL 100LL, JET A TPA-1700(1027) NOTAM FILE CLE

RWY 10-28: H4199X75 (ASPH) MIRL

RWY 27: Trees. AIRPORT REMARKS: Unattended. Parachute Jumping. Arpt CLOSED indef. For LIRL Rwy 09-27 call 419-352-5200.

RWY 10: REIL. PAPI(P4L). RWY 28: REIL. PAPI(P4L). Rgt tfc. RWY 18-36: H2628X50 (ASPH) MIRL

WEATHER DATA SOURCES: AWOS-3 120.725 (419) 354-1415.

CLNC DEL 125.6

RWY 36: Thid dsplcd 57'. Road. Rgt tfc. AIRPORT REMARKS: Attended Nov-Apr 1300-2300Z‡, May-Oct 1300-0000Z‡. Flocks of geese on and invof arpt during fall and winter. 160' AGL stadium lgts .6 NM SE of arpt. Rwy 28 is the calm wind rwy. Rwy 10 REIL OTS indef. Rwy 10 VASI OTS indef. ACTIVATE MIRL Rwy 10-28 and Rwy 18-36; REIL Rwy 10, Rwy 18, and Rwy 28

VWV Chan 78 N41°27.09′ W83°38.32′

176° 3.7 NM to fld. 660/2W.

DETROIT L-28J DETROIT

L-27E

IAP

L-27E

IAP

CINCINNATI

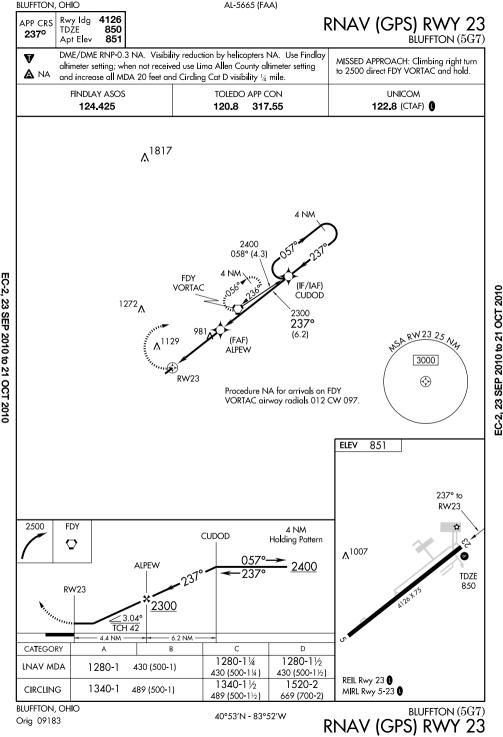
L-29A

DETROIT

DETROIT

L-28J

IAP



EC-2, 23 SEP 2010 to 21 OCT 2010

EC-2, 23 SEP 2010 to 21 OCT 2010

216 UHIU

BELLEFONTAINE RGNL (EDJ) 3 W UTC-5(-4DT) N40°22.34′ W83°49.16′ DETROIT 1122 B S2 FUEL 100LL, JET A1+ NOTAM FILE DAY RWY 07-25: H4999X100 (ASPH) MIRL 0.4% up NE RWY 07: REIL, PAPI(P4L)—GA 3.0° TCH 40', P-line. RWY 25: REIL. PAPI(P4L)—GA 4.0° TCH 57'. Fence. AIRPORT REMARKS: Attended Mon-Fri 1300Z±-dusk, Sat-Sun 1300-2200Z±, ACTIVATE MIRL Rwy 07-25, PAPI Rwys

WEATHER DATA SOURCES: AWOS-3 118.075 (937) 599-4654. COMMUNICATIONS: CTAF/UNICOM 122.8 (R) DAYTON APP/DEP CON 118.425 (360°-090°) RADIO AIDS TO NAVIGATION: NOTAM FILE DAY. ROSEWOOD (H) VORTAC 117.5 ROD Chan 122 N40°17.27′ W84°02.59′ 069° 11.5 NM to fld.

1080/5W. NDB (MHW) 242 EDJ N40°22.26′ W83°48.83′ at fld. NOTAM FILE DAY. COMM/NAV/WEATHER REMARKS: AWOS-3 visibility and precipitation unreliable.

07, 25 and REIL Rwys 07 and 25-CTAF.

BENTON RIDGE N41°01.27′ W83°40.15′

NOTAM FILE FDY. NDB (MHW) 334 BNR at Findlay. Unmonitored.

BLOOM (See JAMESTOWN)

BLUFFTON (5G7) 1 SE UTC-5(-4DT) N40°53.13′ W83°52.12′ 53

FUEL 100LL, JET A TPA-1851(1000) NOTAM FILE CLE RWY 05-23: H4126X75 (ASPH) S-12.5 RWY 23: REIL. PAPI(P4L). Trees.

AIRPORT REMARKS: Attended 1300-2300Z‡. PAEW 1300-2200Z‡ Mon-Fri. Twy marked with reflectors. ACTIVATE COMMUNICATIONS: CTAF/UNICOM 122.8

MIRL Rwv 05-23 and PAPI Rwv 23 REIL Rwv 23-CTAF. (R) TOLEDO APP/DEP CON 120.8 RADIO AIDS TO NAVIGATION: NOTAM FILE FDY.

FINDLAY (L) VORTAC 108.2 FDY Chan 19 N40°57.32′ W83°45.36′ 233° 6.6 NM to fld. 820/2W. COMM/NAV/WEATHER REMARKS: Unicom monitored irregularly.

BOLTON FLD (See COLUMBUS) BORDNER (See BOWLING GREEN)

BOUTN N39°49.16′ W83°12.29′ NOTAM FILE DAY. NDB (MHW/LOM) 230 BU 038° 5.8 NM to Bolton Fld. Unmonitored when twr clsd. NDB unusable 355°-010° beyond 15 NM.

BOWLING GREEN BORDNER (3D8) 4 SW UTC-5(-4DT) N41°20.16′ W83°43.39′ NOTAM FILE CLE 690

RWY 09: P-line. Rgt tfc.

RWY 09-27: 2703X30 (TURF) S-5 LIRL COMMUNICATIONS: CTAF 122.9

WOOD CO (1GØ)

RWY 18: REIL. PAPI(P4L).

and PAPI Rwy 18-CTAF.

BRACEVILLE

COMMUNICATIONS: CTAF/UNICOM 122.8 (R) TOLEDO APP/DEP CON 126.1

RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. WATERVILLE (L) VOR/DME 113.1

(See NEWTON FALLS)

1 NE UTC-5(-4DT) N41°23.46′ W83°37.81′ FUEL 100LL, JET A TPA-1700(1027) NOTAM FILE CLE

RWY 10-28: H4199X75 (ASPH) MIRL

RWY 27: Trees. AIRPORT REMARKS: Unattended. Parachute Jumping. Arpt CLOSED indef. For LIRL Rwy 09-27 call 419-352-5200.

RWY 10: REIL. PAPI(P4L). RWY 28: REIL. PAPI(P4L). Rgt tfc. RWY 18-36: H2628X50 (ASPH) MIRL

WEATHER DATA SOURCES: AWOS-3 120.725 (419) 354-1415.

CLNC DEL 125.6

RWY 36: Thid dsplcd 57'. Road. Rgt tfc. AIRPORT REMARKS: Attended Nov-Apr 1300-2300Z‡, May-Oct 1300-0000Z‡. Flocks of geese on and invof arpt during fall and winter. 160' AGL stadium lgts .6 NM SE of arpt. Rwy 28 is the calm wind rwy. Rwy 10 REIL OTS indef. Rwy 10 VASI OTS indef. ACTIVATE MIRL Rwy 10-28 and Rwy 18-36; REIL Rwy 10, Rwy 18, and Rwy 28

VWV Chan 78 N41°27.09′ W83°38.32′

176° 3.7 NM to fld. 660/2W.

DETROIT L-28J DETROIT

L-27E

IAP

L-27E

IAP

CINCINNATI

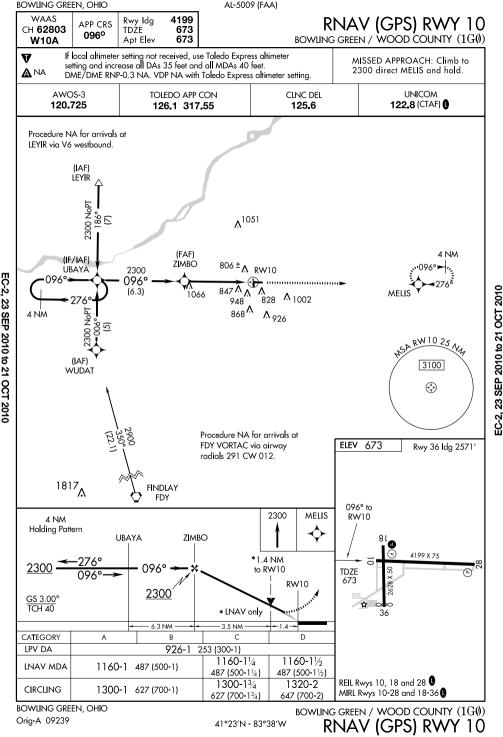
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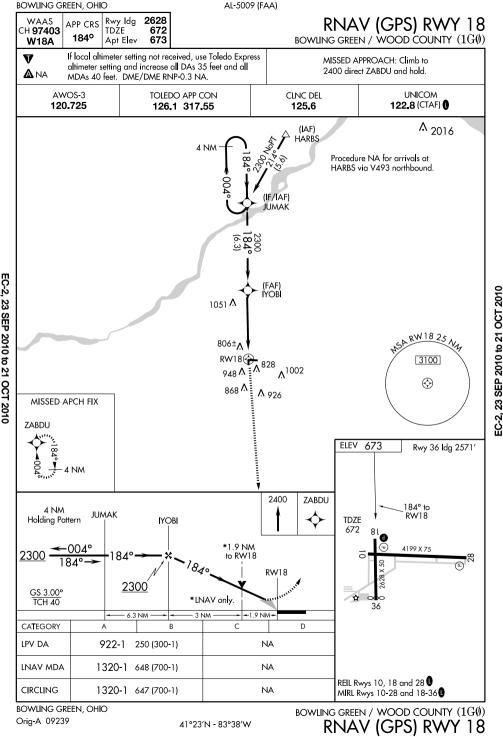
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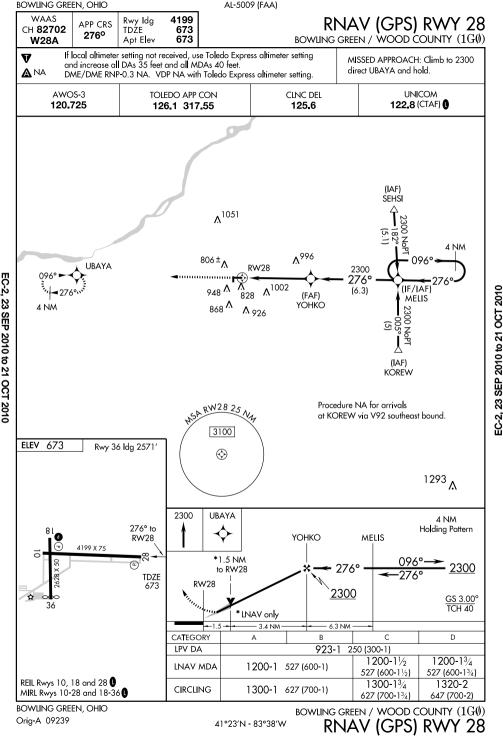
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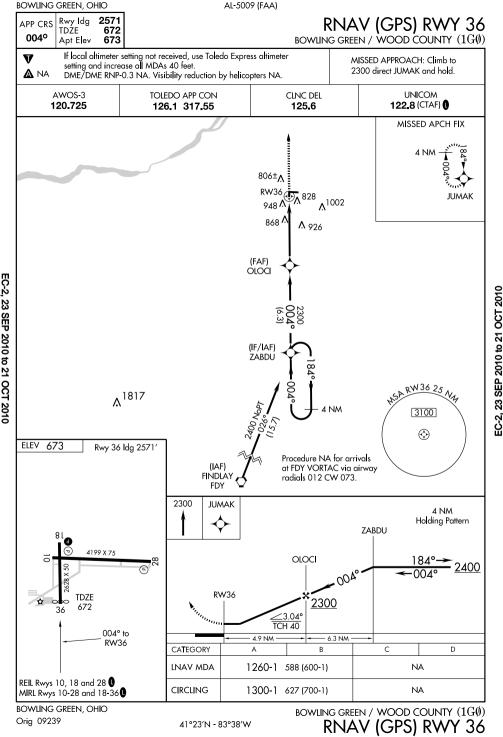
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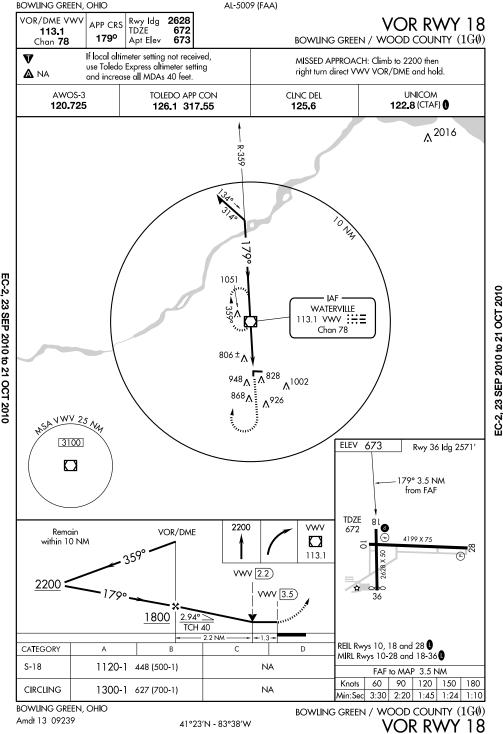
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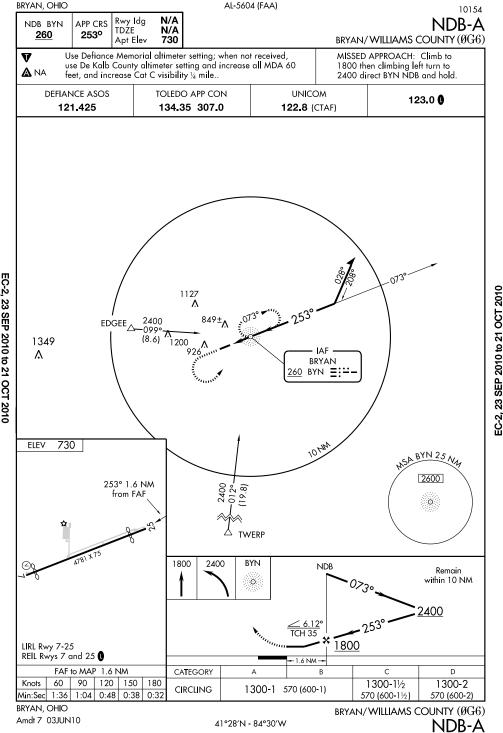


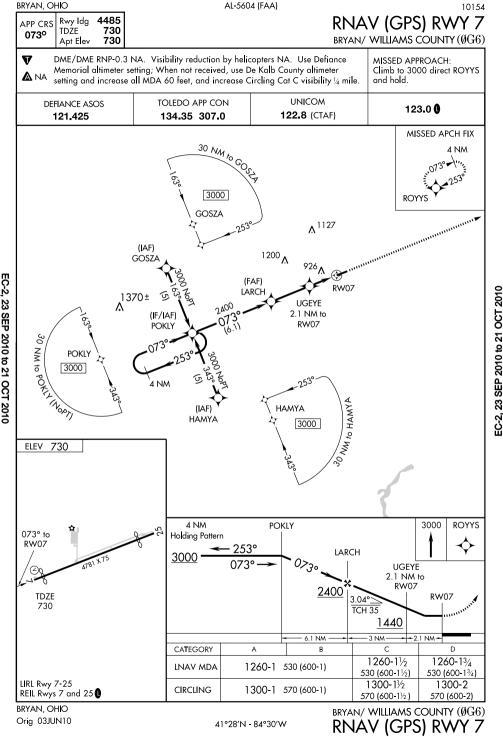


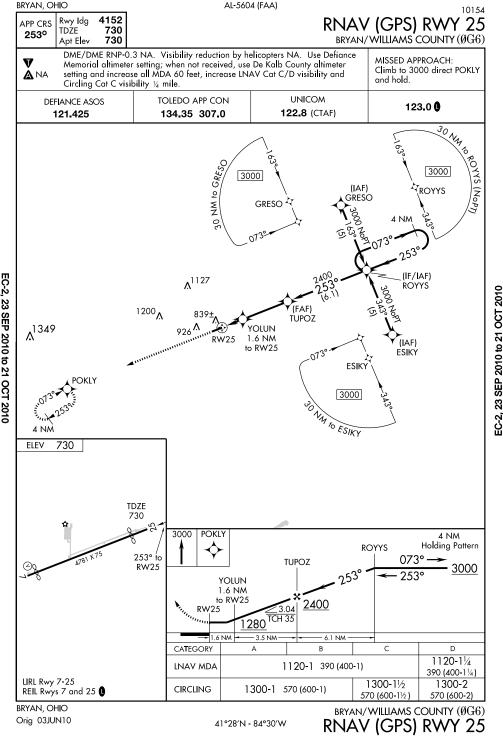




UHIU 217 BRIGGS N40°44.44′ W81°25.93′ NOTAM FILE CLE. DETROIT (L) VOR/DME 112.4 BSV Chan 71 182° 16.2 NM to Harry Clever Fld. 1230/4W. H-10G I-29B RCO 122.1R 112.4T (CLEVELAND RADIO) BROOKVILLE AIR-PARK (162) 2 NW UTC-5(-4DT) N39°51.75′ W84°26.00′ CINCINNATI 1037 S4 FIIFL 100LL NOTAM FILE DAY RWY 09-27: H2500X30 (ASPH) LIRL RWY 09: Road. RWY 27: Trees. AIRPORT REMARKS: Attended 1300Z±-dark, Deer on and invof arpt, 100LL fuel avbl 24 hrs with credit card, Rwy 09-27 payement condition-weathered, loose aggregate, broken payement, ACTIVATE LIRL Rwy 09-27-122.8. COMMUNICATIONS: CTAF/UNICOM 122.8 DAYTON APP/DEP CON 134.45 (181°-359°) RROWN CO (See GEORGETOWN) **BRIINY** N39°50.82′ W84°20.09′ NOTAM FILE DAY. CINCINNATI NDB (LOM) 315 AT 062° 6.3 NM to fld. James M Cox Davton Intl. RRYAN N41°28.79′ W84°27.96′ NOTAM FILE CLE. DETROIT NDB (MHW) 260 BYN 252° 2 NM to Williams Co. L-28J **BRYAN** WILLIAMS CO (ØG6) 2 E UTC-5(-4DT) N41°28.04′ W84°30.41′ DETROIT 730 B FUEL 100LL, JET A NOTAM FILE CLE L-28J RWY 07-25: H4781X75 (ASPH) S-30 LIRL IAP RWY 07: REIL, SAVASI(S2L), Thid dspicd 296', Trees. RWY 25: REIL, Thid dspicd 629', Road. AIRPORT REMARKS: Attended Apr-Nov 1300-2330Z‡, Dec-Mar 1300-2230Z‡. Occasional deer on and invof arpt. Rwy 07 VASI OTS indef. ACTIVATE REIL Rwv 07-25-123.0. COMMUNICATIONS: CTAF/UNICOM 122.8 LITCHFIELD RCO 122.1R 111.2T (LANSING RADIO) (R) THEFTH APP/DEP CON 134 35 RADIO AIDS TO NAVIGATION: NOTAM FILE LAN. LITCHFIELD (L) VOR/DME 111.2 LFD Chan 49 N42°03.75′ W84°45.91′ 167° 37.5 NM to fld. 1040/05W. BRYAN NDB (MHW) 260 BYN N41°28.79' W84°27.96' 252° 2 NM to fld. NOTAM FILE CLE. BUCKEYE N40°37.00′ W83°03.83′ NOTAM FILE MNN. DETROIT L-29A (T) VORW 109.8 BUD at Marion Muni.







218 OHIO

BUCYRUS PORT BUCYRUS-CRAWFORD CO (17G) 1 S UTC-5(-4DT) N40°46.89′ W82°58.49′

1003 B S4 FUEL 100LL NOTAM FILE CLE RWY 04-22: H3895X75 (ASPH) S-17.1. D-35 MIRL

RWY 22: REIL, SAVASI(S2L), Road,

RWY 04: REIL, PAPI(P4L), Thid dspicd 277', Trees.

RWY 09-27: 2900X75 (TURF) 0.4% up E

RWY 09: Pole. RWY 27: Tree.

AIRPORT REMARKS: Attended Apr-Oct 1300-2300Z±. Nov-Mar

1300-2200Z±. WEATHER DATA SOURCES: AWOS-3 126.625 (419) 562-0297.

COMMUNICATIONS: CTAF/UNICOM 122.8 (R) MANSFIELD APP/DEP CON 124.2 (1100-0400Z±)

R CLEVELAND CENTER APP/DEP CON 134.9 (0400-1100Z±)

(See CLEVELAND)

RADIO AIDS TO NAVIGATION: NOTAM FILE MFD. MANSFIELD (L) VORTAC 108.8 MFD Chan 25 N40°52.12'

W82°35.46' 257° 18.3 NM to fld. 1210/3W.

BUCKEYE (T) VORW 109.8 BUD N40°37.00′ W83°03.83′ 10.7 NM to fld. NOTAM FILE MNN.

BUTLER CO RGNL (See HAMILTON)

BURKE LAKEFRONT

CADIZ N40°14.20′ W81°00.79′ NOTAM FILE CLE.

CADIZ

NDB (MHW) 239 CFX at Harrison Co. Unmonitored, VFR only, Out of syc indefinitely,

1174 B S4

HARRISON CO (8G6) 2 S UTC-5(-4DT) N40°14.30′ W81°00.77′ FUEL 100LL NOTAM FILE CLE

DETROIT L-29B

DETROIT

DETROIT

L-29A

IAP

RWY 13: PAPI(P2L). Thid dsplcd 876'. Hill. RWY 31: PAPI(P2L). Thid dspicd 168'. Tree. AIRPORT REMARKS: Attended 1400-2200Z‡. Rwy 13-31 asphalt poor due to large cracks, vegetation and weathering. Rwy 31 VASI OTS indef. ACTIVATE MIRL Rwy 13-31 and PAPI Rwy 13 and Rwy

RWY 13-31: H3765X75 (ASPH) S-30 MIRL 1.9% up NW

(R) CLEVELAND CENTER APP/DEP CON 120.4

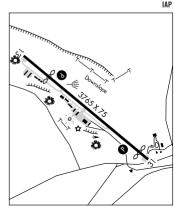
COMMUNICATIONS: CTAF/UNICOM 122.8 RADIO AIDS TO NAVIGATION: NOTAM FILE HLG.

WHEELING (L) VOR/DME 112.2 HLG Chan 59 N40°15.59'

31-CTAF. Rotating bcn OTS indef.

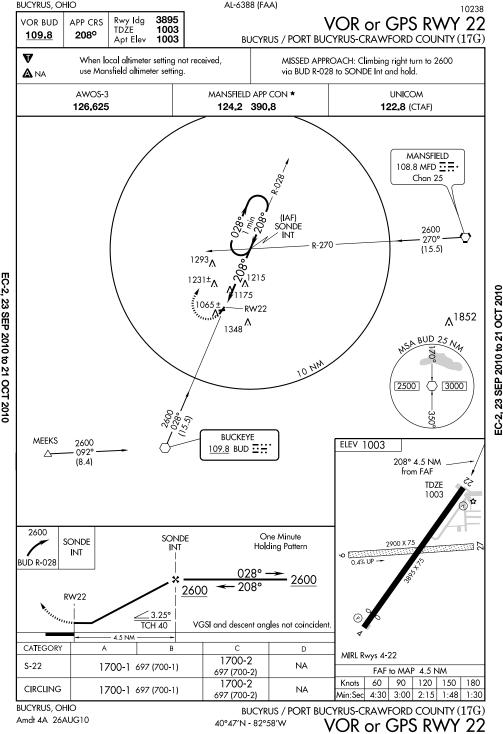
W80°34.12' 274° 20.5 NM to fld. 1269/07W. CADIZ NDB (MHW) 239 CFX N40°14.20′ W81°00.79′

NOTAM FILE CLE. Unmonitored, VFR only. Out of svc indefinitely.



2900 X 75

ß €3



218 OHIO

BUCYRUS PORT BUCYRUS-CRAWFORD CO (17G) 1 S UTC-5(-4DT) N40°46.89′ W82°58.49′

1003 B S4 FUEL 100LL NOTAM FILE CLE RWY 04-22: H3895X75 (ASPH) S-17.1. D-35 MIRL

RWY 22: REIL, SAVASI(S2L), Road,

RWY 04: REIL, PAPI(P4L), Thid dspicd 277', Trees.

RWY 09-27: 2900X75 (TURF) 0.4% up E

RWY 09: Pole. RWY 27: Tree.

AIRPORT REMARKS: Attended Apr-Oct 1300-2300Z±. Nov-Mar

1300-2200Z±. WEATHER DATA SOURCES: AWOS-3 126.625 (419) 562-0297.

COMMUNICATIONS: CTAF/UNICOM 122.8 (R) MANSFIELD APP/DEP CON 124.2 (1100-0400Z±)

R CLEVELAND CENTER APP/DEP CON 134.9 (0400-1100Z±)

(See CLEVELAND)

RADIO AIDS TO NAVIGATION: NOTAM FILE MFD. MANSFIELD (L) VORTAC 108.8 MFD Chan 25 N40°52.12'

W82°35.46' 257° 18.3 NM to fld. 1210/3W.

BUCKEYE (T) VORW 109.8 BUD N40°37.00′ W83°03.83′ 10.7 NM to fld. NOTAM FILE MNN.

BUTLER CO RGNL (See HAMILTON)

BURKE LAKEFRONT

CADIZ N40°14.20′ W81°00.79′ NOTAM FILE CLE.

CADIZ

NDB (MHW) 239 CFX at Harrison Co. Unmonitored, VFR only, Out of syc indefinitely,

1174 B S4

HARRISON CO (8G6) 2 S UTC-5(-4DT) N40°14.30′ W81°00.77′ FUEL 100LL NOTAM FILE CLE

DETROIT L-29B

DETROIT

DETROIT

L-29A

IAP

RWY 13: PAPI(P2L). Thid dsplcd 876'. Hill. RWY 31: PAPI(P2L). Thid dspicd 168'. Tree. AIRPORT REMARKS: Attended 1400-2200Z‡. Rwy 13-31 asphalt poor due to large cracks, vegetation and weathering. Rwy 31 VASI OTS indef. ACTIVATE MIRL Rwy 13-31 and PAPI Rwy 13 and Rwy

RWY 13-31: H3765X75 (ASPH) S-30 MIRL 1.9% up NW

(R) CLEVELAND CENTER APP/DEP CON 120.4

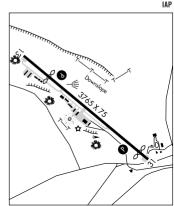
COMMUNICATIONS: CTAF/UNICOM 122.8 RADIO AIDS TO NAVIGATION: NOTAM FILE HLG.

WHEELING (L) VOR/DME 112.2 HLG Chan 59 N40°15.59'

31-CTAF. Rotating bcn OTS indef.

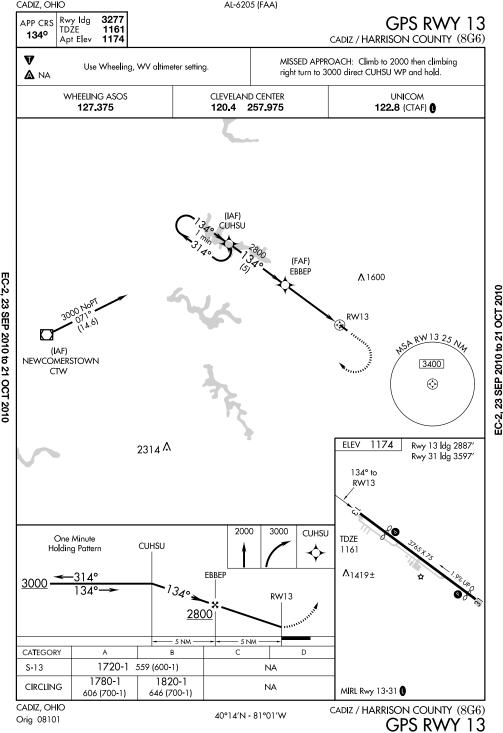
W80°34.12' 274° 20.5 NM to fld. 1269/07W. CADIZ NDB (MHW) 239 CFX N40°14.20′ W81°00.79′

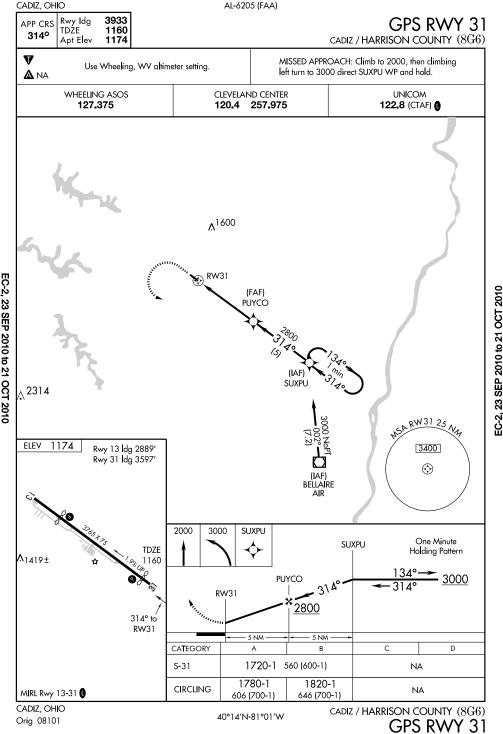
NOTAM FILE CLE. Unmonitored, VFR only. Out of svc indefinitely.

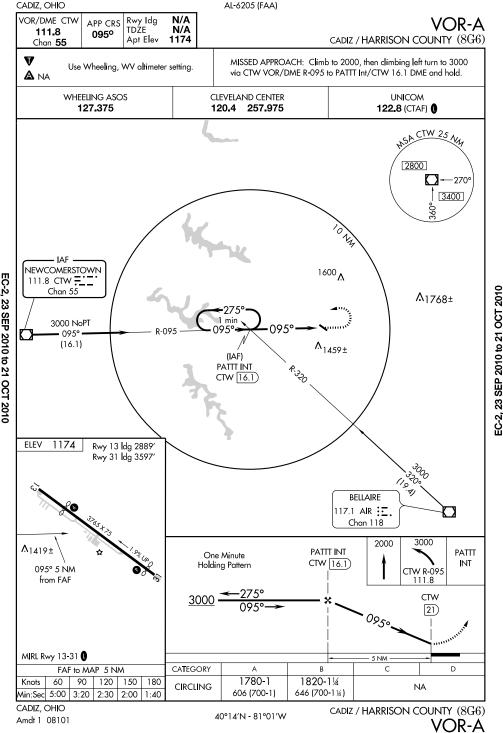


2900 X 75

ß €3







OHIO 219 CALDWELL NOBLE CO (I1Ø) 3 N UTC-5(-4DT) N39°48.06′ W81°32.18′ CINCINNATI 879 B FUEL 100LL NOTAM FILE CLE L-29B RWY 05-23: H3811X65 (ASPH) S-12.5 MIRI IAP RWY 05: PAPI(P2L). Trees. RWY 23: PAPI(P2L). Thid dspicd 413'. Trees. AIRPORT REMARKS: Attended Mon-Fri 1400-2100Z‡, Sat-Sun irregularly. For fuel after hrs call 740-525-9901 or 740-581-1167. Model acft activity on arpt-Sundays, ACTIVATE MIRL Rwy 05-23 and rotating bcn-122.7, Red obstruction lets mark 56' hill 947' from AER 23. COMMUNICATIONS: CTAF/UNICOM 122.8 (R) INDIANAPOLIS CENTER APP/DEP CON 124.45 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. ZANESVILLE (L) VOR/DME 111.4 ZZV Chan 51 N39°56.45′ W81°53.56′ 123° 18.5 NM to fld. 900/6W. CAMBRIDGE CAMBRIDGE MUNI (CDI) 03 S UTC-5(-4DT) N39°58.50′ W81°34.66′ CINCINNATI S2 FUEL 100LL TPA-1799(1000) NOTAM FILE CLE L-29B ΙΔΡ RWY 04-22: H4298X75 (ASPH) S-18.5 MIRL RWY 04: REIL. VASI(V2L)—GA 3.5°. Thid dsplcd 400'. Pole. RWY 22: REIL. VASI(V2L)—GA 3.5°. P-line. AIRPORT REMARKS: Attended Mon-Fri 1300-2300Z±. Sat-Sun 1300-2200Z±. Geese and deer invof rwy, Rwy 22 REIL OTS indef. Rwy 04 obstn lgtd hills SW of arpt. ACTIVATE MIRL Rwy 04-22; REIL Rwy 04 and Rwy 22-CTAF. WEATHER DATA SOURCES: AWOS-3 118.525 (740) 435-0086. COMMUNICATIONS: CTAF/UNICOM 123.075 (R) INDIANAPOLIS CENTER APP/DEP CON 124.45 (West side ops VOR or GPS A for arrival) (R) CLEVELAND CENTER APP/DEP CON 120.4 (East side ops LOC/DME Rwy 22 for arrival) RADIO AIDS TO NAVIGATION: NOTAM FILE ZZV. ZANESVILLE (L) VOR/DME 111.4 ZZV Chan 51 N39°56.45′ W81°53.56′ 088° 14.7 NM to fld. 900/6W. ILS/DME 109.35 I-CZM Chan 30 (Y) Rwy 22. LOC only. DME unmonitored. SALT FORK LODGE HELIPORT (Ø8G) 6 NE UTC-5(-4DT) N40°06.66' W81°31.57' DETROIT 960 NOTAM FILE CLE. HELIPAD H1: H60X56 (ASPH) **HELIPORT REMARKS:** Unattended. COMMUNICATIONS: CTAF 122.9 CANTON STARK COUNTY SHERIFF HELIPORT (5D1) 4 E UTC-5(-4DT) N40°50.39' W81°18.49' DETROIT 1135 NOTAM FILE CLE HELIPAD H1: H120X75 (ASPH) **HELIPAD H1:** Tower. HELIPORT REMARKS: Attended continuously. Ingress-Egress 270° clockwise 090° from PAD. Helipad H1 marked with COMMUNICATIONS: CTAF 122.9 CARL R KELLER FLD (See PORT CLINTON) CARROLL CO-TOLSON (See CARROLLTON) CARROLLTON CARROLL CO-TOLSON (TSO) 1 SE UTC-5(-4DT) N40°33.71′ W81°04.65′ DETROIT 1163 B S4 FUEL 100LL, JET A TPA-2013(850) NOTAM FILE CLE L-29B RWY 07-25: H4300X75 (ASPH) MIRL IAP RWY 25: REIL. PAPI(P2L). Tree. RWY 07: REIL. PAPI(P2L). Tree.

AIRPORT REMARKS: Attended 1100-0000Z‡. 24 hr fuel avbl with credit card. Deer on and invof arpt. ACTIVATE MIRL

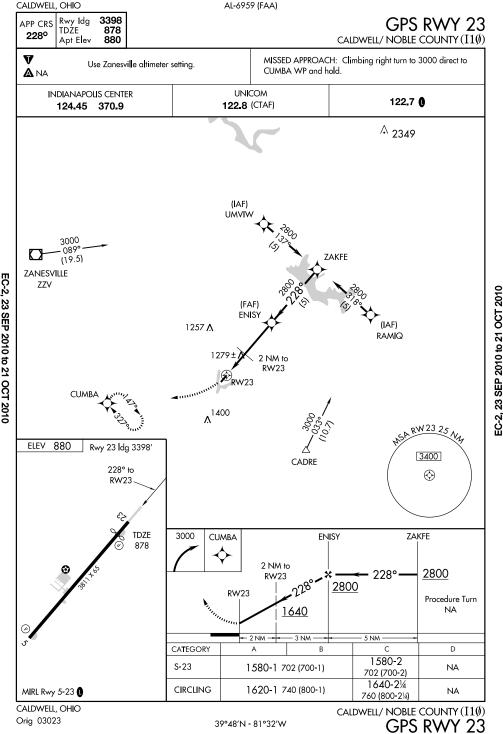
NEWCOMERSTOWN (L) VOR/DME 111.8 CTW Chan 55 N40°13.75′ W81°28.59′ 049° 27.1 NM to fld. 1180/7W.

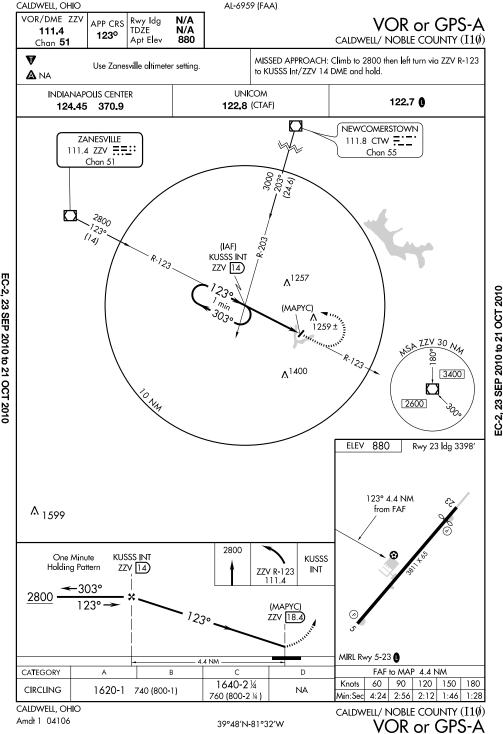
Rwv 07-25 and REIL Rwvs 07 and 25-CTAF.

(R) AKRON-CANTON APP/DEP CON 125.5 (1100-0500Z‡)
(R) Cleveland Center App/Dep Con 120.6 (0500-1100Z‡)
Radio aids to Navigation: Notam File Cle.

COMMUNICATIONS: CTAF/UNICOM 122.7

RAWIH





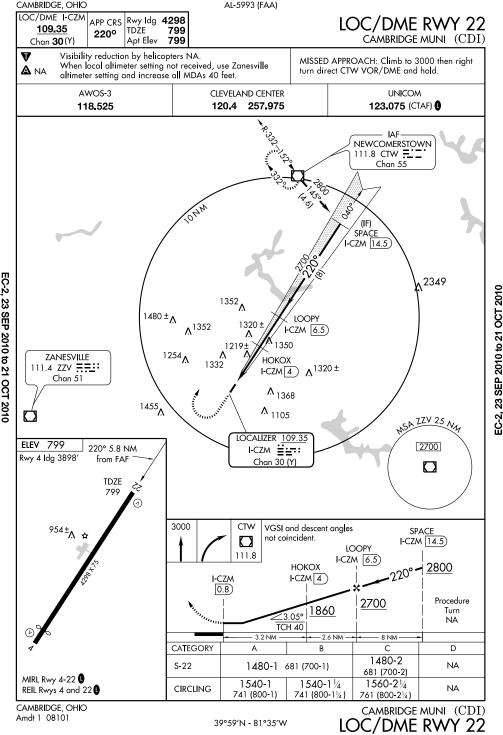
OHIO 219 CALDWELL NOBLE CO (I1Ø) 3 N UTC-5(-4DT) N39°48.06′ W81°32.18′ CINCINNATI 879 B FUEL 100LL NOTAM FILE CLE L-29B RWY 05-23: H3811X65 (ASPH) S-12.5 MIRI IAP RWY 05: PAPI(P2L). Trees. RWY 23: PAPI(P2L). Thid dspicd 413'. Trees. AIRPORT REMARKS: Attended Mon-Fri 1400-2100Z‡, Sat-Sun irregularly. For fuel after hrs call 740-525-9901 or 740-581-1167. Model acft activity on arpt-Sundays, ACTIVATE MIRL Rwy 05-23 and rotating bcn-122.7, Red obstruction lets mark 56' hill 947' from AER 23. COMMUNICATIONS: CTAF/UNICOM 122.8 (R) INDIANAPOLIS CENTER APP/DEP CON 124.45 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. ZANESVILLE (L) VOR/DME 111.4 ZZV Chan 51 N39°56.45′ W81°53.56′ 123° 18.5 NM to fld. 900/6W. CAMBRIDGE CAMBRIDGE MUNI (CDI) 03 S UTC-5(-4DT) N39°58.50′ W81°34.66′ CINCINNATI S2 FUEL 100LL TPA-1799(1000) NOTAM FILE CLE L-29B ΙΔΡ RWY 04-22: H4298X75 (ASPH) S-18.5 MIRL RWY 04: REIL. VASI(V2L)—GA 3.5°. Thid dsplcd 400'. Pole. RWY 22: REIL. VASI(V2L)—GA 3.5°. P-line. AIRPORT REMARKS: Attended Mon-Fri 1300-2300Z±. Sat-Sun 1300-2200Z±. Geese and deer invof rwy, Rwy 22 REIL OTS indef. Rwy 04 obstn lgtd hills SW of arpt. ACTIVATE MIRL Rwy 04-22; REIL Rwy 04 and Rwy 22-CTAF. WEATHER DATA SOURCES: AWOS-3 118.525 (740) 435-0086. COMMUNICATIONS: CTAF/UNICOM 123.075 (R) INDIANAPOLIS CENTER APP/DEP CON 124.45 (West side ops VOR or GPS A for arrival) (R) CLEVELAND CENTER APP/DEP CON 120.4 (East side ops LOC/DME Rwy 22 for arrival) RADIO AIDS TO NAVIGATION: NOTAM FILE ZZV. ZANESVILLE (L) VOR/DME 111.4 ZZV Chan 51 N39°56.45′ W81°53.56′ 088° 14.7 NM to fld. 900/6W. ILS/DME 109.35 I-CZM Chan 30 (Y) Rwy 22. LOC only. DME unmonitored. SALT FORK LODGE HELIPORT (Ø8G) 6 NE UTC-5(-4DT) N40°06.66' W81°31.57' DETROIT 960 NOTAM FILE CLE. HELIPAD H1: H60X56 (ASPH) **HELIPORT REMARKS:** Unattended. COMMUNICATIONS: CTAF 122.9 CANTON STARK COUNTY SHERIFF HELIPORT (5D1) 4 E UTC-5(-4DT) N40°50.39' W81°18.49' DETROIT 1135 NOTAM FILE CLE HELIPAD H1: H120X75 (ASPH) **HELIPAD H1:** Tower. HELIPORT REMARKS: Attended continuously. Ingress-Egress 270° clockwise 090° from PAD. Helipad H1 marked with COMMUNICATIONS: CTAF 122.9 CARL R KELLER FLD (See PORT CLINTON) CARROLL CO-TOLSON (See CARROLLTON) CARROLLTON CARROLL CO-TOLSON (TSO) 1 SE UTC-5(-4DT) N40°33.71′ W81°04.65′ DETROIT 1163 B S4 FUEL 100LL, JET A TPA-2013(850) NOTAM FILE CLE L-29B RWY 07-25: H4300X75 (ASPH) MIRL IAP RWY 25: REIL. PAPI(P2L). Tree. RWY 07: REIL. PAPI(P2L). Tree. AIRPORT REMARKS: Attended 1100-0000Z‡. 24 hr fuel avbl with credit card. Deer on and invof arpt. ACTIVATE MIRL Rwv 07-25 and REIL Rwvs 07 and 25-CTAF.

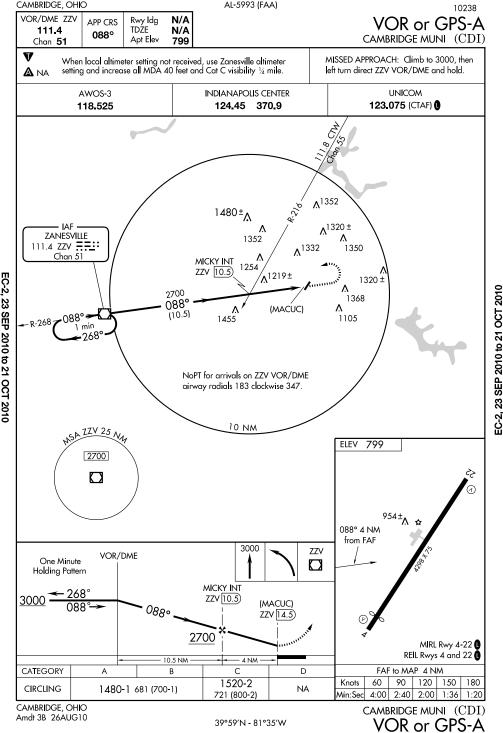
NEWCOMERSTOWN (L) VOR/DME 111.8 CTW Chan 55 N40°13.75′ W81°28.59′ 049° 27.1 NM to fld. 1180/7W.

COMMUNICATIONS: CTAF/UNICOM 122.7

RAWIH

(R) AKRON-CANTON APP/DEP CON 125.5 (1100-0500Z‡)
(R) Cleveland Center App/Dep Con 120.6 (0500-1100Z‡)
Radio aids to Navigation: Notam File Cle.





OHIO 219 CALDWELL NOBLE CO (I1Ø) 3 N UTC-5(-4DT) N39°48.06′ W81°32.18′ CINCINNATI 879 B FUEL 100LL NOTAM FILE CLE L-29B RWY 05-23: H3811X65 (ASPH) S-12.5 MIRI IAP RWY 05: PAPI(P2L). Trees. RWY 23: PAPI(P2L). Thid dspicd 413'. Trees. AIRPORT REMARKS: Attended Mon-Fri 1400-2100Z‡, Sat-Sun irregularly. For fuel after hrs call 740-525-9901 or 740-581-1167. Model acft activity on arpt-Sundays, ACTIVATE MIRL Rwy 05-23 and rotating bcn-122.7, Red obstruction lets mark 56' hill 947' from AER 23. COMMUNICATIONS: CTAF/UNICOM 122.8 (R) INDIANAPOLIS CENTER APP/DEP CON 124.45 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. ZANESVILLE (L) VOR/DME 111.4 ZZV Chan 51 N39°56.45′ W81°53.56′ 123° 18.5 NM to fld. 900/6W. CAMBRIDGE CAMBRIDGE MUNI (CDI) 03 S UTC-5(-4DT) N39°58.50′ W81°34.66′ CINCINNATI S2 FUEL 100LL TPA-1799(1000) NOTAM FILE CLE L-29B ΙΔΡ RWY 04-22: H4298X75 (ASPH) S-18.5 MIRL RWY 04: REIL. VASI(V2L)—GA 3.5°. Thid dsplcd 400'. Pole. RWY 22: REIL. VASI(V2L)—GA 3.5°. P-line. AIRPORT REMARKS: Attended Mon-Fri 1300-2300Z±. Sat-Sun 1300-2200Z±. Geese and deer invof rwy, Rwy 22 REIL OTS indef. Rwy 04 obstn lgtd hills SW of arpt. ACTIVATE MIRL Rwy 04-22; REIL Rwy 04 and Rwy 22-CTAF. WEATHER DATA SOURCES: AWOS-3 118.525 (740) 435-0086. COMMUNICATIONS: CTAF/UNICOM 123.075 (R) INDIANAPOLIS CENTER APP/DEP CON 124.45 (West side ops VOR or GPS A for arrival) (R) CLEVELAND CENTER APP/DEP CON 120.4 (East side ops LOC/DME Rwy 22 for arrival) RADIO AIDS TO NAVIGATION: NOTAM FILE ZZV. ZANESVILLE (L) VOR/DME 111.4 ZZV Chan 51 N39°56.45′ W81°53.56′ 088° 14.7 NM to fld. 900/6W. ILS/DME 109.35 I-CZM Chan 30 (Y) Rwy 22. LOC only. DME unmonitored. SALT FORK LODGE HELIPORT (Ø8G) 6 NE UTC-5(-4DT) N40°06.66' W81°31.57' DETROIT 960 NOTAM FILE CLE. HELIPAD H1: H60X56 (ASPH) **HELIPORT REMARKS:** Unattended. COMMUNICATIONS: CTAF 122.9 CANTON STARK COUNTY SHERIFF HELIPORT (5D1) 4 E UTC-5(-4DT) N40°50.39' W81°18.49' DETROIT 1135 NOTAM FILE CLE HELIPAD H1: H120X75 (ASPH) **HELIPAD H1:** Tower. HELIPORT REMARKS: Attended continuously. Ingress-Egress 270° clockwise 090° from PAD. Helipad H1 marked with COMMUNICATIONS: CTAF 122.9 CARL R KELLER FLD (See PORT CLINTON) CARROLL CO-TOLSON (See CARROLLTON) CARROLLTON CARROLL CO-TOLSON (TSO) 1 SE UTC-5(-4DT) N40°33.71′ W81°04.65′ DETROIT 1163 B S4 FUEL 100LL, JET A TPA-2013(850) NOTAM FILE CLE L-29B RWY 07-25: H4300X75 (ASPH) MIRL IAP RWY 25: REIL. PAPI(P2L). Tree. RWY 07: REIL. PAPI(P2L). Tree.

AIRPORT REMARKS: Attended 1100-0000Z‡. 24 hr fuel avbl with credit card. Deer on and invof arpt. ACTIVATE MIRL

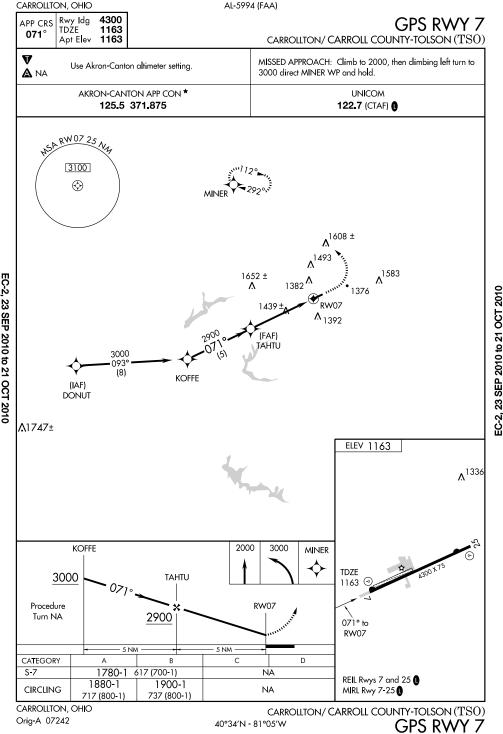
NEWCOMERSTOWN (L) VOR/DME 111.8 CTW Chan 55 N40°13.75′ W81°28.59′ 049° 27.1 NM to fld. 1180/7W.

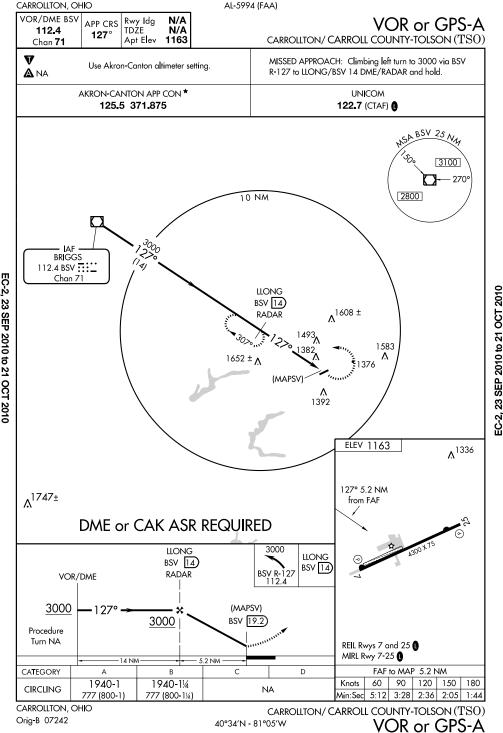
Rwv 07-25 and REIL Rwvs 07 and 25-CTAF.

(R) AKRON-CANTON APP/DEP CON 125.5 (1100-0500Z‡)
(R) Cleveland Center App/Dep Con 120.6 (0500-1100Z‡)
Radio aids to Navigation: Notam File Cle.

COMMUNICATIONS: CTAF/UNICOM 122.7

RAWIH





PARSONS (5D6) 5 N UTC-5(-4DT) N40°38.89′ W81°04.12′

220

1290 S2 NOTAM FILE CLE RWY 09-27: 2530X75 (TURF) RWY N9: Trees RWY 27. Tree AIRPORT REMARKS: Attended irregularly. Deer and birds on and invof arpt. Rwy 09-27 slopes up to the W. Rwy soft when wet. No line of sight between rwy ends. Aerobatic practice area 2280' MSL to 5000' MSL within 1 mile radius of arpt. Rwy 09 outlined with orange and white barrel halves and yellow tires at rwy end. COMMUNICATIONS: CTAF 122.9 NOTAM FILE DAY.

DETROIT

CASER N39°44.93′ W82°32.12′ CINCINNATI NDB (LOM) 338 ΙH 280° 5.7 NM to Fairfield Co. Unmonitored. **CELINA**

LAKEFIELD (CQA) 6 SE UTC-5(-4DT) N40°29.06′ W84°33.49′ B FIFE 100LL IFT A1+ NOTAM FILE DAY RWY 08-26: H4400X75 (ASPH) S-30

DETROIT 1-27F IAP RWY 08: REIL. PAPI(P4L)—GA 3.0° TCH 20'. P-line. RWY 26: REIL, PAPI (P4L)-GA 3.0° TCH 29', Tree. AIRPORT REMARKS: Attended 1330Z±-dusk, 100LL fuel 24 hr with credit card self svc. After hrs call ahead for Jet A service. Parachute Jumping. ACTIVATE MIRL Rwy 08-26 and REIL Rwy 08-26-123.3.

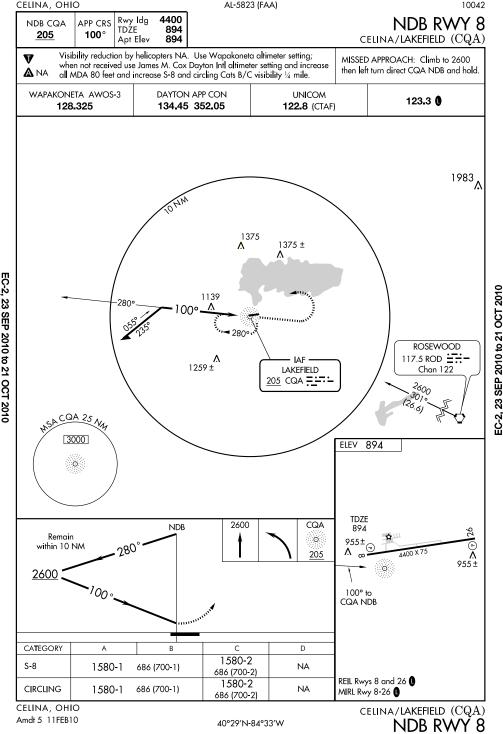
COMMUNICATIONS: CTAF/UNICOM 122.8 (R) DAYTON APP/DEP CON 134.45 (181°-359°) RADIO AIDS TO NAVIGATION: NOTAM FILE DAY. ROSEWOOD (H) VORTAC 117.5 ROD Chan 122 N40°17.27′ W84°02.59′ 302° 26.4 NM to fld. 1080/5W.

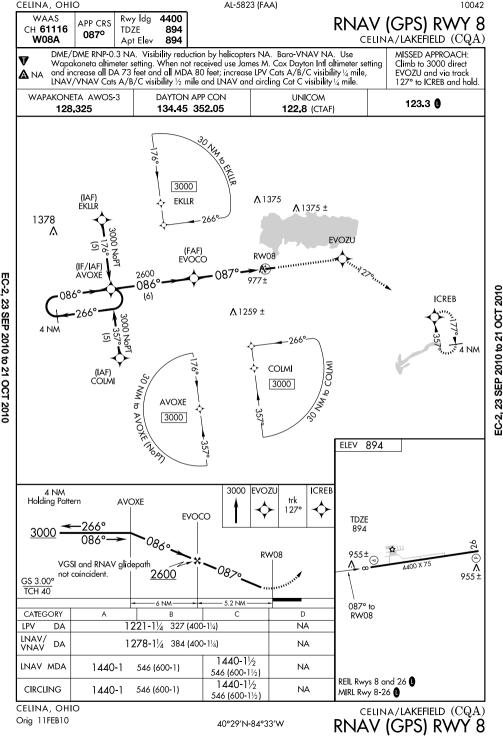
NDB (MHW) 205 COA N40°28.92′ W84°33.86′ on fld. CHARDON N41°31.02′ W81°09.79′ NOTAM FILE CLE. DETROIT (H) VOR/DME 112.7 CXR Chan 74 137° 6.1 NM to Geauga Co. 1310/5W. H-10G, L-30G VOR portion unusable 357°-073° bvd 10 NM blo 11.000' 085°-099° bvd 10 NM blo 11.000′

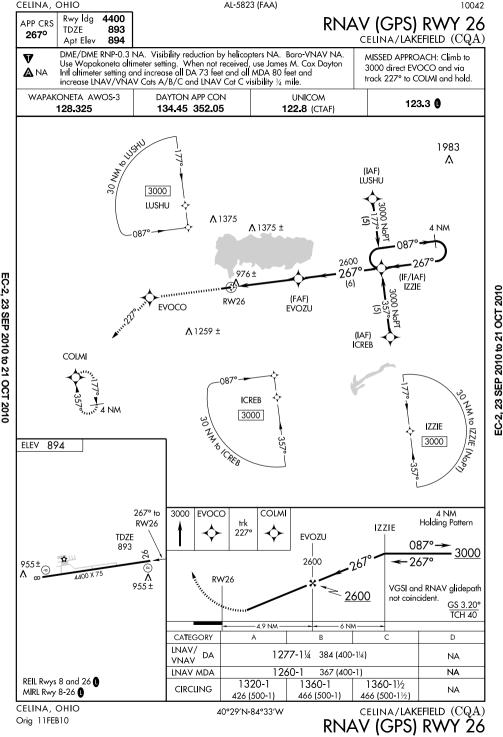
074°-084° byd 10 NM blo 3,300' 104°-180° byd 10 NM 6000′ RCO 122.1R 112.7T (CLEVELAND RADIO) CHESAPEAKE/HUNTINGTON W VA LAWRENCE CO AIRPARK (HTW) 2 W UTC-5(-4DT) N38°25.15′ W82°29.66′ CINCINNATI FUEL 100LL NOTAM FILE DAY L-26H RWY 08-26: H3001X70 (ASPH) MIRL (NSTD) RWY 08: Thid dspicd 173'. Trees. RWY 26: Trees.

AIRPORT REMARKS: Attended Oct-Apr 1400Z‡-dusk, May-Sep 1300Z‡-dusk, Parachute Jumping, Rwy 08-26 has many cracks. exhibits foreign object damage. Rwy 08-26 NSTD MIRL 70' from rwy edges: Rwy 08 relocated thid 28' at ngt; 2973' lgtd at ngt. COMMUNICATIONS: CTAF/UNICOM 122.7 RADIO AIDS TO NAVIGATION: NOTAM FILE LOU. YORK (L) VORTAC 112.8 YRK Chan 75 N38°38 65' W82°58.70' 125° 26.5 NM to fld. 1040/5W. 3001 X 70 G G G ଓ ଓଟ୍ଟ ଓ C3 C3

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OHIO 221 CHILLICOTHE

ROSS CO

CINCINNATI

COMMUNICATIONS: CTAF/UNICOM 122.8

(R) COLUMBUS APP/DEP CON 132.3

2AWIH YELLOW BUD (T) VOR 112.5

RWY 05-23: H5404X100 (ASPH) S-30, D-60 MIRL 0.4% up SW RWY 05: REIL, PAPI(P4L)—GA 3.0° TCH 44', Tree. RWY 12-30: 3130X125 (TURF) RWY 12: Thid dsplcd 330'. P-line.

AIRPORT REMARKS: Attended 1300Z±-dusk, Rwy 12-30 CLOSED indef, Avionics Shop on fld, MIRL Rwy 05-23 preset on low ints; to increase ints and ACTIVATE PAPI and REIL Rwys 05 and 23-123.0. Rwy 05-23 555' SW end marked with Chevrons is unusable.

(RZT) 6 NW UTC-5(-4DT) N39°26.43′ W83°01.38′

S4 FUEL 100LL, JET A NOTAM FILE DAY

WEATHER DATA SOURCES: AWOS-3 119.225 (740) 779-1364, SAWRS YELLOW BUD RCO 122.1R 112.5T (DAYTON RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE DAY. APPLETON (H) VORTAC 116.7 APE Chan 114 N40°09.06' W82°35.30' 211° 47.1 NM to fld. 1350/6W.

RWY 30: Trees.

XUB N39°31.61′ W82°58.68′ RZT N39°26.29′ W83°01.73′ at fld.

COMM/NAV/WEATHER REMARKS: SAWRS avbl 1300-2300Z‡ and upon reg call (740) 773-4788.

CINCINNATI-BLUE ASH (ISZ) 6 NE UTC-5(-4DT) N39°14.80′ W84°23.34′ 856 B S4 FUEL 100LL, JET A1+ OX 3 NOTAM FILE DAY

RWY 06-24: H3499X75 (ASPH) S-12.5 MIRL 0.7% up SW RWY 06: REIL, VASI(V2L)-GA 4.0° TCH 20'. Trees. RWY 24: REIL. VASI(V2L)-GA 4.0° TCH 20'. Trees. Rgt tfc.

AIRPORT REMARKS: Attended Apr-Nov 1200Z±-dusk, Dec-Mar 1300Z±-dusk, Deer and wildlife on and invof arpt. Noise abatement procedures departing Rwy 24; turn rgt heading 270° after tkf, departing Rwy 06 turn left 360° after tkf. Rwy 06 REIL OTS indef. MIRL Rwy 06-24 preset on low ints dusk-dawn; to increase ints and ACTIVATE

(L) VORTAC 117.3 CVG Chan 120 N39°00.96′ W84°42.20′

NDR (MHW) 388 IS7 N39°14 93' W84°23 38' at fld NOTAM FILE DAY NDR OTS indef

twy lgts and wind indicator and REIL Rwy 06 and 24-CTAF. WEATHER DATA SOURCES: AWOS-3 118.475 (513) 794-1520. COMMUNICATIONS: CTAF/UNICOM 123.0

R APP/DEP CON 121.0 CLNC DEL 124.9 RADIO AIDS TO NAVIGATION: NOTAM FILE CVG.

RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 45', Trees.

207° 5.6 NM to fld.

051° 20.2 NM to fld. 879/04W.

CINCINNATI L-27E

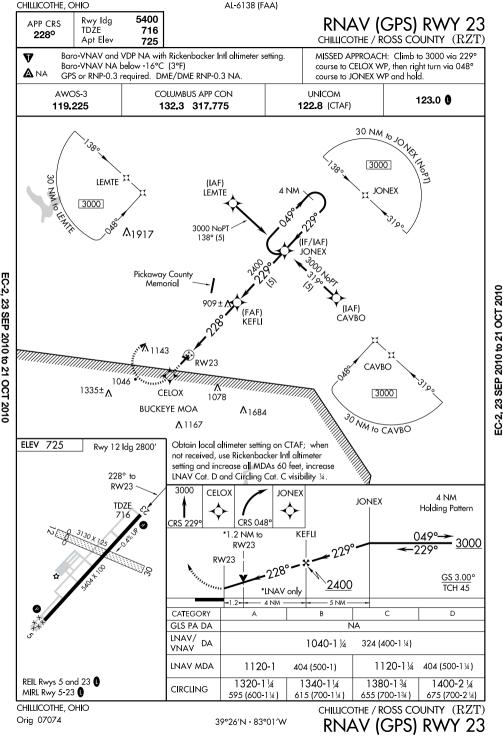
NDB unusable 330°-001° bvd 10 NM: 060°-077° bvd 10 NM and 200°-230° bvd 10 NM.

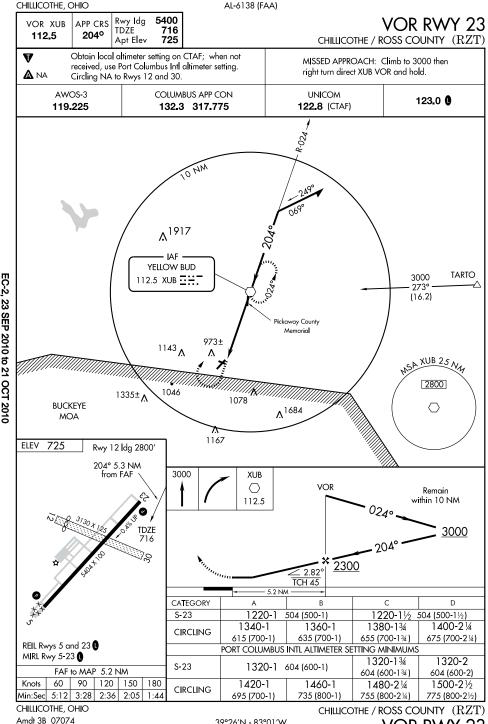
CINCINNATI

H-10G, L-29A

IAP

IAP





VOR RW

OHIO 221 CHILLICOTHE

ROSS CO

CINCINNATI

COMMUNICATIONS: CTAF/UNICOM 122.8

(R) COLUMBUS APP/DEP CON 132.3

2AWIH YELLOW BUD (T) VOR 112.5

RWY 05-23: H5404X100 (ASPH) S-30, D-60 MIRL 0.4% up SW RWY 05: REIL, PAPI(P4L)—GA 3.0° TCH 44', Tree. RWY 12-30: 3130X125 (TURF) RWY 12: Thid dsplcd 330'. P-line.

AIRPORT REMARKS: Attended 1300Z±-dusk, Rwy 12-30 CLOSED indef, Avionics Shop on fld, MIRL Rwy 05-23 preset on low ints; to increase ints and ACTIVATE PAPI and REIL Rwys 05 and 23-123.0. Rwy 05-23 555' SW end marked with Chevrons is unusable.

(RZT) 6 NW UTC-5(-4DT) N39°26.43′ W83°01.38′

S4 FUEL 100LL, JET A NOTAM FILE DAY

WEATHER DATA SOURCES: AWOS-3 119.225 (740) 779-1364, SAWRS YELLOW BUD RCO 122.1R 112.5T (DAYTON RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE DAY. APPLETON (H) VORTAC 116.7 APE Chan 114 N40°09.06' W82°35.30' 211° 47.1 NM to fld. 1350/6W.

RWY 30: Trees.

XUB N39°31.61′ W82°58.68′ RZT N39°26.29′ W83°01.73′ at fld.

COMM/NAV/WEATHER REMARKS: SAWRS avbl 1300-2300Z‡ and upon reg call (740) 773-4788.

CINCINNATI-BLUE ASH (ISZ) 6 NE UTC-5(-4DT) N39°14.80′ W84°23.34′ 856 B S4 FUEL 100LL, JET A1+ OX 3 NOTAM FILE DAY

RWY 06-24: H3499X75 (ASPH) S-12.5 MIRL 0.7% up SW RWY 06: REIL, VASI(V2L)-GA 4.0° TCH 20'. Trees. RWY 24: REIL. VASI(V2L)-GA 4.0° TCH 20'. Trees. Rgt tfc.

AIRPORT REMARKS: Attended Apr-Nov 1200Z±-dusk, Dec-Mar 1300Z±-dusk, Deer and wildlife on and invof arpt. Noise abatement procedures departing Rwy 24; turn rgt heading 270° after tkf, departing Rwy 06 turn left 360° after tkf. Rwy 06 REIL OTS indef. MIRL Rwy 06-24 preset on low ints dusk-dawn; to increase ints and ACTIVATE

(L) VORTAC 117.3 CVG Chan 120 N39°00.96′ W84°42.20′

NDR (MHW) 388 IS7 N39°14 93' W84°23 38' at fld NOTAM FILE DAY NDR OTS indef

twy lgts and wind indicator and REIL Rwy 06 and 24-CTAF. WEATHER DATA SOURCES: AWOS-3 118.475 (513) 794-1520. COMMUNICATIONS: CTAF/UNICOM 123.0

R APP/DEP CON 121.0 CLNC DEL 124.9 RADIO AIDS TO NAVIGATION: NOTAM FILE CVG.

RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 45', Trees.

207° 5.6 NM to fld.

051° 20.2 NM to fld. 879/04W.

CINCINNATI L-27E

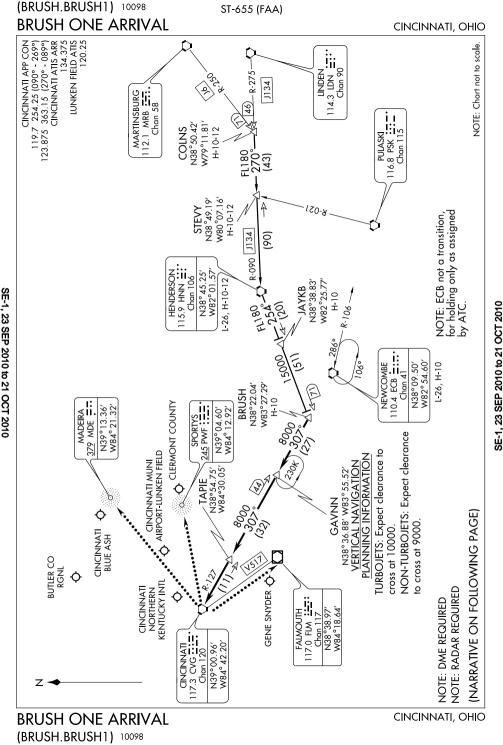
NDB unusable 330°-001° bvd 10 NM: 060°-077° bvd 10 NM and 200°-230° bvd 10 NM.

CINCINNATI

H-10G, L-29A

IAP

IAP



BRUSH ONE ARRIVAL

ARRIVAL DESCRIPTION

ST-655 (FAA)

COLNS TRANSITION (COLNS.BRUSH1): From over COLNS INT via HNN R-090 to HNN VORTAC, then via HNN R-254 to BRUSH. Thence. . . .

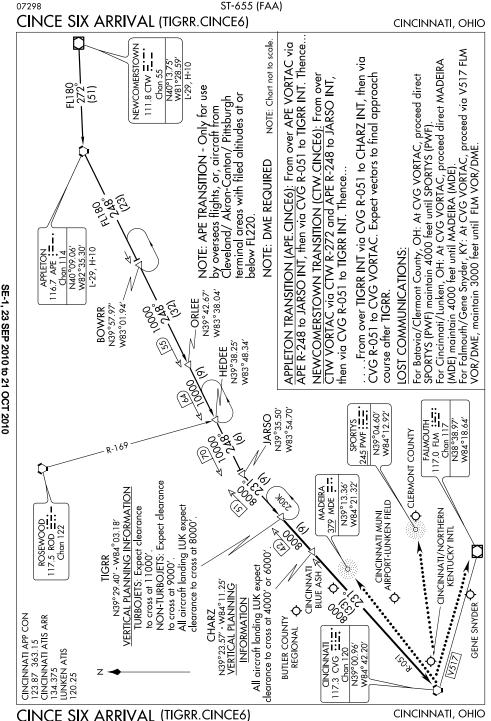
HENDERSON TRANSITION (HNN.BRUSH1): From over HNN VORTAC via HNN R-254 to BRUSH. Thence. . . .

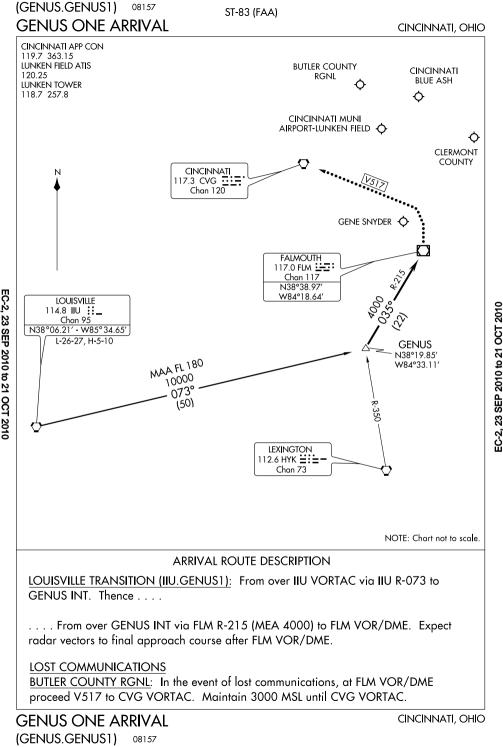
. . . . From over BRUSH via CVG R-127 to GAVNN, then via CVG R-127 to TAPIE, then via CVG R-127 to CVG VORTAC. Expect vectors to final approach course after GAVNN.

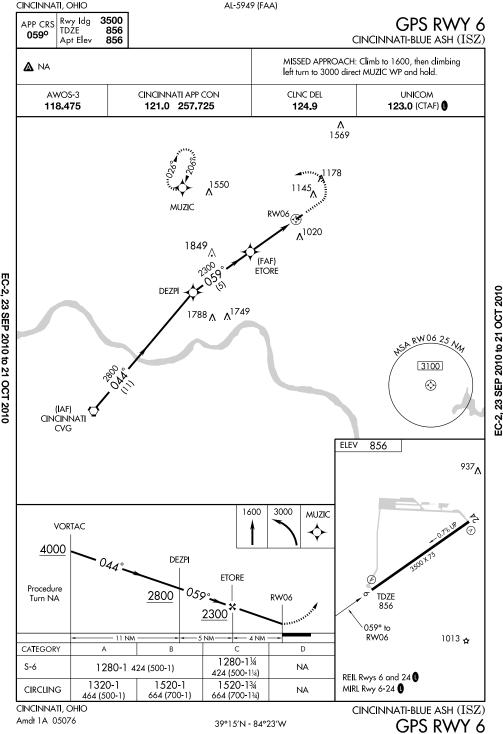
LOST COMMUNICATIONS:

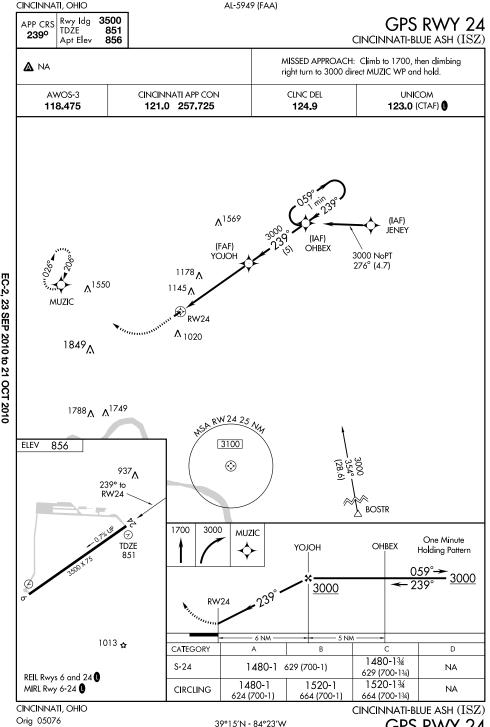
For Batavia/Clermont County, OH: At CVG VORTAC, proceed direct SPORTYS (PWF) maintain 4000 feet until SPORTYS (PWF). For Cincinnati/Lunken, OH: At CVG VORTAC, proceed direct MADEIRA (MDE) maintain 4000 feet until MADEIRA (MDE). For Falmouth/Gene Snyder, KY: At CVG VORTAC, proceed via V517 FLM

VOR/DME, maintain 3000 feet until FLM VOR/DME.









Orig 05076

GPS RWY 24

09015 ST-655 (FAA) HARDU TWO ARRIVAL (JAKIE. HARDU2) CINCINNATI, OHIO CINCINNATI APP CON 123.87 363.15 BUTLER COUNTY & CINCINNATI ATIS ARR 134.375 **RGNL** LUNKEN FIELD ATIS 120.25 MADEIRA CINCINNATI 379 MDE = .. BLUE ASH N39°13.36′ W84° 21.32′ **SPORTYS** 245 PWF == CINCINNATI CINCINNATI N39°04.60 CINCINNATI MUNI 117.3 CVG **NORTHERN** W84° 12.92 AIRPORT-LUNKEN FIELD Chan 120 KENTUCKY INTL N39°00.96′ W84° 42.20' CLERMONT COUNTY **JAKIE** N38° 25.92′ W84° 09.18′ **ZETLA** VERTICAL NAVIGATION GENE SNYDER N38° 55.70' PLANNING INFORMATION W84° 44.62' TURBOJETS: Expect clearance to cross at 11000'. SE-1, 23 SEP 2010 to 21 OCT 2010 1261 NON-TURBOJETS: Expect clearance to cross at 9000'. **FALMOUTH** NEWCOMBE 117.0 FLM :==: Chan 117 110.4 ECB **±:..**∙ Chan 41 N38° 38.97 N38°09.50′ W84° 18.64′ W82°54.60′ R-107 R-106 -**LEXINGTON** 112.6 HYK =:= Chan 73 **HARDU** N37° 46.69' **TAYOS** W83° 41.15' N37°38.37' W83° 35.29′ NOTE: DME Required. CHEDA NOTE: ECB not a transition, for holding only N37°19.79' as assigned by ATC. W83°38.64' **PACKO** N36° 47.10′ 8 W82°42.70′ 48) 1/80 **ARTUR** N36°31.97′ (3₅₎ W83°47.12 R-279 FL180 011°-(38) VOLUNTEER 116.4 VXV :::-Chan 111 HOLSTON MOUNTAIN 114.6 HMV ∷-Chan 93 N35°54.29′ - W83°53.68′ N36° 26.22′ - W82° 07.77 L-25, H-9-12 (NARRATIVE ON FOLLOWING PAGE) L-25, H-9-12 NOTE: Chart not to scale.

HARDU TWO ARRIVAL (JAKIE.HARDU2)

HARDU TWO ARRIVAL (JAKIE HARDU2)

ARRIVAL DESCRIPTION

HOLSTON MOUNTAIN TRANSITION (HMV.HARDU2): From over HMV VORTAC via HMV R-311 and VXV R-011 to TAYOS INT, then via FLM R-154 to JAKIE INT. Thence. . . .

VOLUNTEER TRANSITION (VXV.HARDU2): From over VXV VORTAC via VXV R-011 and FLM R-154 to JAKIE INT. Thence. . . .

. .From over JAKIE INT via FLM R-154 to FLM VOR/DME, then via FLM R-314 to ZETLA INT. Expect vectors to final approach course after JAKIE INT.

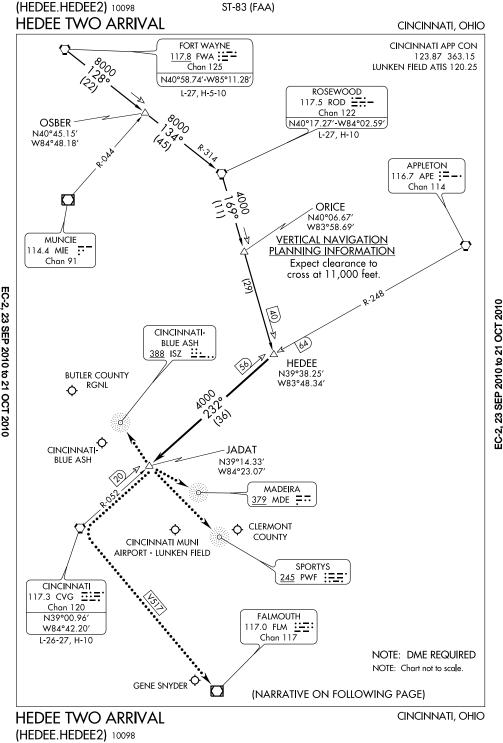
LOST COMMUNICATIONS:

For Batavia/Clermont County, OH: At ZETLA INT, proceed direct to CVG VORTAC then direct SPORTYS (PWF). Maintain 4000 feet until SPORTYS (PWF). For Butler County Rgnl, OH: At ZETLA INT, proceed direct to CVG VORTAC.

Maintain 3000 feet until CVG VORTAC. For Cincinnati/Blue Ash, OH: At ZETLA INT, proceed direct CVG VORTAC, then V517 FLM VOR/DME. Maintain 4000 feet until FLM VOR/DME. For Cincinnati/Lunken, OH: At ZETLA INT, proceed direct CVG VORTAC then

direct MADEIRA (MDE). Maintain 4000 until MADEIRA (MDE). For Falmouth/Gene Snyder, KY: At ZETLA INT, proceed direct CVG VORTAC

then via V517 FLM VOR/DME. Maintain 3000 feet until FLM VOR/DME.



ARRIVAL ROUTE DESCRIPTION

FORT WAYNE TRANSITION (FWA.HEDEE2): From over FWA VORTAC via FWA R-128 to OSBER/FWA 22 DME, then via ROD R-314 to ROD VORTAC, then via

ROSEWOOD TRANSITION (ROD.HEDEE2): From over ROD VORTAC via ROD

. . . . From over HEDEE INT via CVG R-052 (MEA 4,000) to JADAT/CVG 20 DME,

CINCINNATI MUNI AIRPORT - LUNKEN FIELD - At JADAT, proceed direct MADEIRA (MDE)

ROD R-169 to HEDEE INT. Thence. . . .

expect radar vectors to final approach course at JADAT.

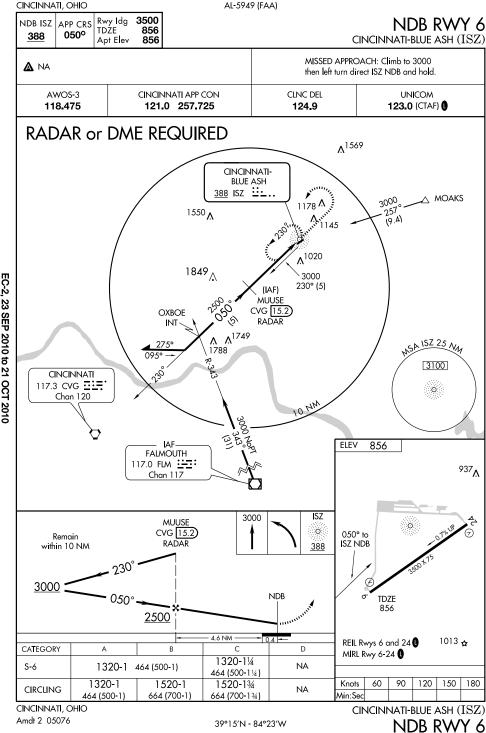
R-169 to HEDEE INT. Thence. . . .

LOST COMMUNICATION PROCEDURE
In the event of lost communications for:

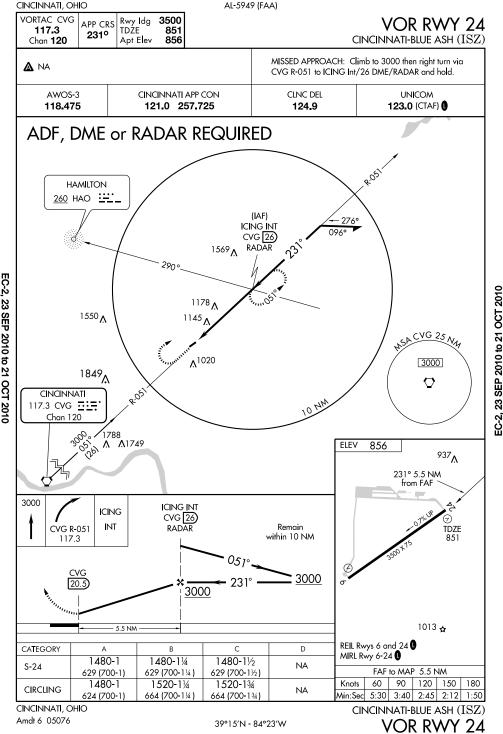
maintain 4,000 feet until MADEIRA (MDE).

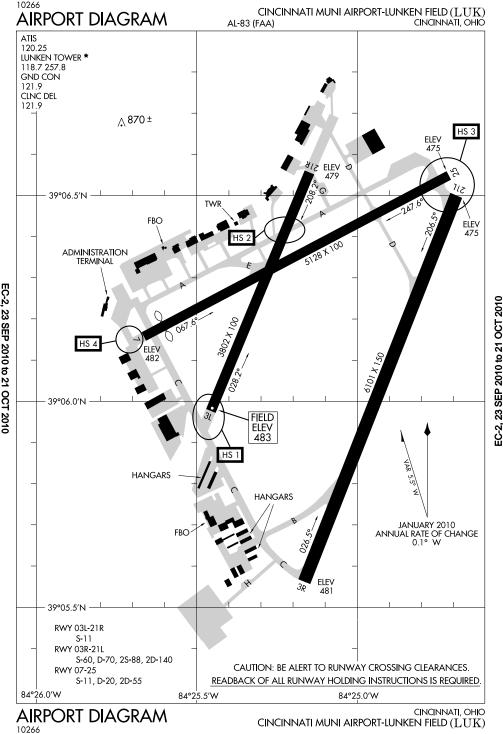
EC-2, 23 SEP 2010 to 21 OCT 2010

CINCINNATI BLUE ASH - At JADAT, proceed direct BLUE ASH (ISZ), maintain 4,000 feet until BLUE ASH (ISZ). CLERMONT COUNTY - At JADAT, proceed direct SPORTYS (PWF), maintain 4,000 feet until SPORTYS (PWF). GENE SNYDER - At JADAT, proceed direct CVG VORTAC then via V517 to FLM VOR/DME, maintain 4,000 feet until FLM VOR/DME.



Amdt 2 05076





OHIO

222

CINCINNATI MUNI ARPT LUNKEN FLD (LUK) 3 SE UTC-5(-4DT) CINCINNATI N39°06.20' W84°25.12' H-10G, L-27E 483 B S4 FUEL 100LL JET A+ OX 1 LRA Class IV. ARFF Index A NOTAM FILE LUK IAP. AD RWY 03R-21L: H6101X150 (ASPH-GRVD) S-60, D-70, 2S-88. €3 2D-140 HIRL RWY 03R: REIL. PAPI(P4R). Tree. RWY 21L: MALSR. VASI(V4L)-GA 3.0° TCH 38'. Trees. RWY 07-25: H5128X100 (ASPH-GRVD) S-11, D-20, 2D-55 MIRL 5128 X 100 RWY 07: Thid dsplcd 439'. Tree. RWY 25: VASI(V4L)-GA 3.0° TCH 39'. Trees. RWY 03L-21R: H3802X100 (ASPH) S-11 MIRL RWY 03L: Trees. RWY 21R: VASI(V4L)-GA 4.0 TCH 46'. Tree.

preset on med ints: to increase ints and ACTIVATE MALSR Rwy 21L—CTAF, MIRL Rwy 03L-21R and Rwy 07-25

AIRPORT REMARKS: Attended continuously. Fuel JET A+ C513-871-2020. Deer and birds on and invof arpt. 48 hr PPR for unscheduled air carrier ops with more than 30 passenger seats call 513-352-6340. Noise abatement procedures in effect call 513-352-6340. Acft maintenance run-ups restricted between 0200-1200Z‡, Rwy 25 and Rwy 21L apch ends are closely aligned. Rotating bcn located 1.7 NM east of the center of Lunken

arpt. Verify correct rwy and compass heading prior to departure.

Rwys 03L-21R and 07-25 and Twy D not avbl for acft with more

than 30 passenger seats. When twr clsd HIRL Rwy 03R-21L

unavbl. Ldg fee. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS (513) 321-6291. COMMUNICATIONS: CTAF 118.7 ATIS 120.25 IINICOM 122 95 RCO 122.4 (DAYTON RADIO). (R) APP/DEP CON 121.0 LUNKEN TOWER 118.7 133.925 (1200-0400Z‡) CLNC DEL 124.9 (use when twr closed) GND CON/CLNC DEL 121.9

AIRSPACE: CLASS D svc 1200-0400Z tother times CLASS E. RADIO AIDS TO NAVIGATION: NOTAM FILE CVG.

(L) VORTAC 117.3 CVG Chan 120 N39°00.96' W84°42.20' 072° 14.3 NM to fld. 879/04W.

NDB (MHW) 335 LUK N39°09.58' W84°20.48' 231° 4.9 NM to fld. NOTAM FILE LUK.

Unmonitored when twr clsd.

MADEIRA NDB (MHW) 379 MDE N39°13.37′ W84°21.32′ 206° 7.7 NM to fld. NOTAM FILE LUK.

Unmonitored when twr clsd.

ILS/DME 110.9 I-LUK Chan 46 Rwy 21L. Class IA. LOC BC unusable byd 10 NM and 15° left and

right of course. DME unusable byd 5° left and right of BC. DME unusable byd 25° left and right of course.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.

CINCINNATI/NORTHERN KENTUCKY INTL (See COVINGTON, KY)

CINCINNATI WEST (See HARRISON)

CIRCLEVILLE N39°31.39′ W82°58.78′ NOTAM FILE DAY.

NDB (MHW) 366 CYO

at Pickaway Co Meml, Unmonitored, SHUTDOWN,

CIRCLEVILLE

CLARKS DREAM STRIP (Ø3I)

4 NW UTC-5(-4DT) N39°38.62′ W83°01.05′ NOTAM FILE DAY

CINCINNATI

CINCINNATI

L-29A

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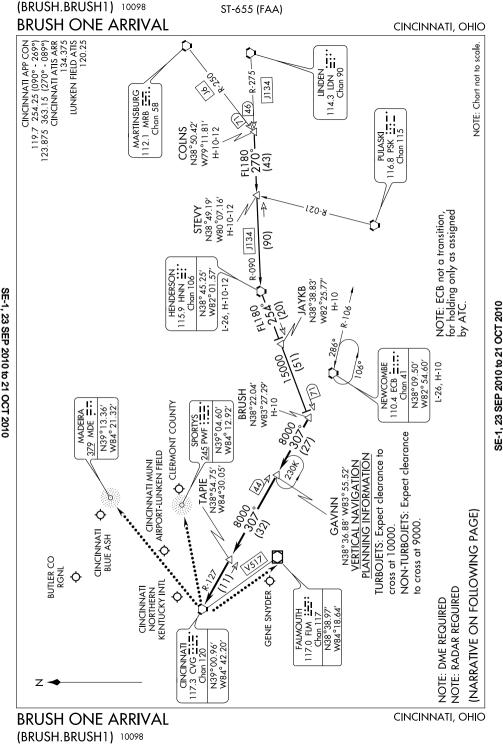
Ø 03

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RWY 13-31: 2375X90 (TURF)

RWY 13: Trees. RWY 31: Trees.

AIRPORT REMARKS: Attended dawn-dusk. Parachute jumping. Repairs-part time weekends.



BRUSH ONE ARRIVAL

ARRIVAL DESCRIPTION

ST-655 (FAA)

COLNS TRANSITION (COLNS.BRUSH1): From over COLNS INT via HNN R-090 to HNN VORTAC, then via HNN R-254 to BRUSH. Thence. . . .

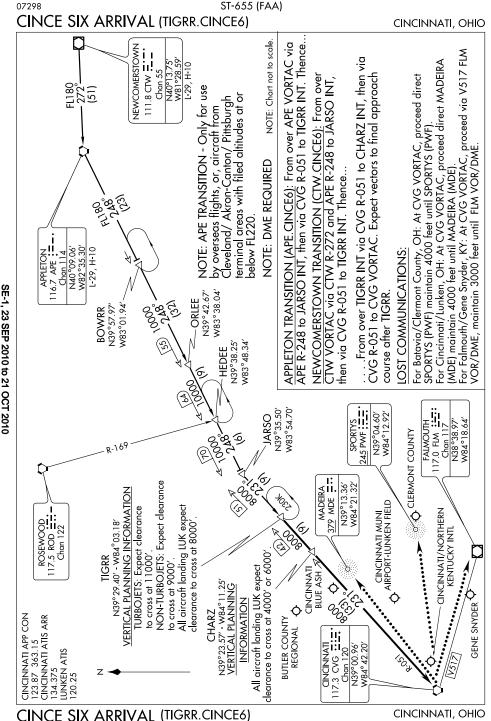
HENDERSON TRANSITION (HNN.BRUSH1): From over HNN VORTAC via HNN R-254 to BRUSH. Thence. . . .

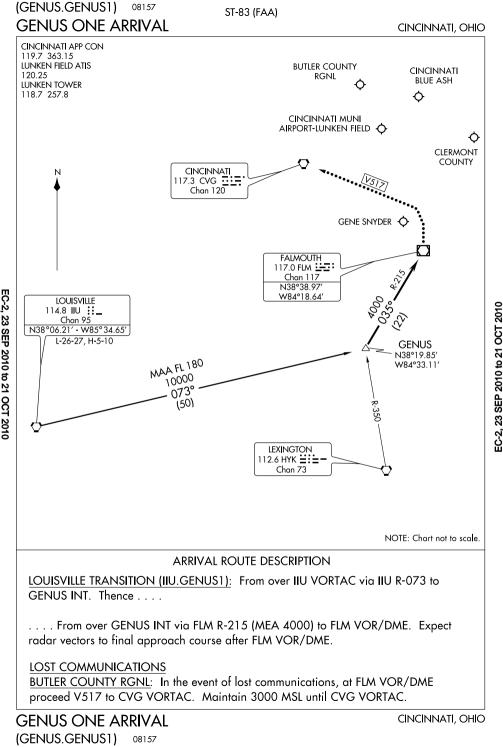
. . . . From over BRUSH via CVG R-127 to GAVNN, then via CVG R-127 to TAPIE, then via CVG R-127 to CVG VORTAC. Expect vectors to final approach course after GAVNN.

LOST COMMUNICATIONS:

For Batavia/Clermont County, OH: At CVG VORTAC, proceed direct SPORTYS (PWF) maintain 4000 feet until SPORTYS (PWF). For Cincinnati/Lunken, OH: At CVG VORTAC, proceed direct MADEIRA (MDE) maintain 4000 feet until MADEIRA (MDE). For Falmouth/Gene Snyder, KY: At CVG VORTAC, proceed via V517 FLM

VOR/DME, maintain 3000 feet until FLM VOR/DME.





09015 ST-655 (FAA) HARDU TWO ARRIVAL (JAKIE. HARDU2) CINCINNATI, OHIO CINCINNATI APP CON 123.87 363.15 BUTLER COUNTY & CINCINNATI ATIS ARR 134.375 **RGNL** LUNKEN FIELD ATIS 120.25 MADEIRA CINCINNATI 379 MDE = .. BLUE ASH N39°13.36′ W84° 21.32′ **SPORTYS** 245 PWF == CINCINNATI CINCINNATI N39°04.60 CINCINNATI MUNI 117.3 CVG **NORTHERN** W84° 12.92 AIRPORT-LUNKEN FIELD Chan 120 KENTUCKY INTL N39°00.96′ W84° 42.20' CLERMONT COUNTY **JAKIE** N38° 25.92′ W84° 09.18′ **ZETLA** VERTICAL NAVIGATION GENE SNYDER N38° 55.70' PLANNING INFORMATION W84° 44.62' TURBOJETS: Expect clearance to cross at 11000'. SE-1, 23 SEP 2010 to 21 OCT 2010 1261 NON-TURBOJETS: Expect clearance to cross at 9000'. **FALMOUTH** NEWCOMBE 117.0 FLM :==: Chan 117 110.4 ECB **±:..**∙ Chan 41 N38° 38.97 N38°09.50′ W84° 18.64′ W82°54.60′ R-107 R-106 -**LEXINGTON** 112.6 HYK =:= Chan 73 **HARDU** N37° 46.69' **TAYOS** W83° 41.15' N37°38.37' W83° 35.29′ NOTE: DME Required. CHEDA NOTE: ECB not a transition, for holding only N37°19.79' as assigned by ATC. W83°38.64' **PACKO** N36° 47.10′ 8 W82°42.70′ 48) 1/80 **ARTUR** N36°31.97′ (3₅₎ W83°47.12 R-279 FL180 011°-(38) VOLUNTEER 116.4 VXV :::-Chan 111 HOLSTON MOUNTAIN 114.6 HMV ∷-Chan 93 N35°54.29′ - W83°53.68′ N36° 26.22′ - W82° 07.77 L-25, H-9-12 (NARRATIVE ON FOLLOWING PAGE) L-25, H-9-12 NOTE: Chart not to scale.

HARDU TWO ARRIVAL (JAKIE.HARDU2)

HARDU TWO ARRIVAL (JAKIE HARDU2)

ARRIVAL DESCRIPTION

HOLSTON MOUNTAIN TRANSITION (HMV.HARDU2): From over HMV VORTAC via HMV R-311 and VXV R-011 to TAYOS INT, then via FLM R-154 to JAKIE INT. Thence. . . .

VOLUNTEER TRANSITION (VXV.HARDU2): From over VXV VORTAC via VXV R-011 and FLM R-154 to JAKIE INT. Thence. . . .

. .From over JAKIE INT via FLM R-154 to FLM VOR/DME, then via FLM R-314 to ZETLA INT. Expect vectors to final approach course after JAKIE INT.

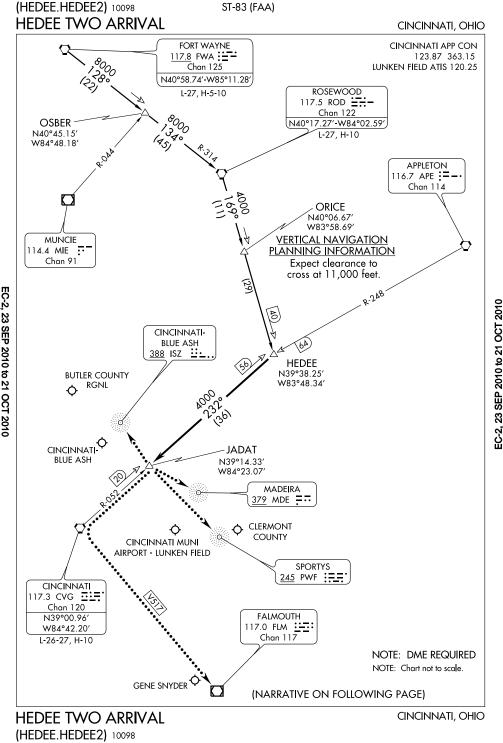
LOST COMMUNICATIONS:

For Batavia/Clermont County, OH: At ZETLA INT, proceed direct to CVG VORTAC then direct SPORTYS (PWF). Maintain 4000 feet until SPORTYS (PWF). For Butler County Rgnl, OH: At ZETLA INT, proceed direct to CVG VORTAC.

Maintain 3000 feet until CVG VORTAC. For Cincinnati/Blue Ash, OH: At ZETLA INT, proceed direct CVG VORTAC, then V517 FLM VOR/DME. Maintain 4000 feet until FLM VOR/DME. For Cincinnati/Lunken, OH: At ZETLA INT, proceed direct CVG VORTAC then

direct MADEIRA (MDE). Maintain 4000 until MADEIRA (MDE). For Falmouth/Gene Snyder, KY: At ZETLA INT, proceed direct CVG VORTAC

then via V517 FLM VOR/DME. Maintain 3000 feet until FLM VOR/DME.



ARRIVAL ROUTE DESCRIPTION

FORT WAYNE TRANSITION (FWA.HEDEE2): From over FWA VORTAC via FWA R-128 to OSBER/FWA 22 DME, then via ROD R-314 to ROD VORTAC, then via ROD R-169 to HEDEE INT. Thence. . . .

ROSEWOOD TRANSITION (ROD.HEDEE2): From over ROD VORTAC via ROD R-169 to HEDEE INT. Thence. . . .

. . . . From over HEDEE INT via CVG R-052 (MEA 4,000) to JADAT/CVG 20 DME, expect radar vectors to final approach course at JADAT.

LOST COMMUNICATION PROCEDURE In the event of lost communications for:

CINCINNATI MUNI AIRPORT - LUNKEN FIELD - At JADAT, proceed direct MADEIRA (MDE) maintain 4,000 feet until MADEIRA (MDE). CINCINNATI BLUE ASH - At JADAT, proceed direct BLUE ASH (ISZ), maintain 4,000 feet

until BLUE ASH (ISZ). CLERMONT COUNTY - At JADAT, proceed direct SPORTYS (PWF), maintain 4,000 feet

until SPORTYS (PWF). GENE SNYDER - At JADAT, proceed direct CVG VORTAC then via V517 to FLM VOR/DME, maintain 4,000 feet until FLM VOR/DME.

HOT SPOTS

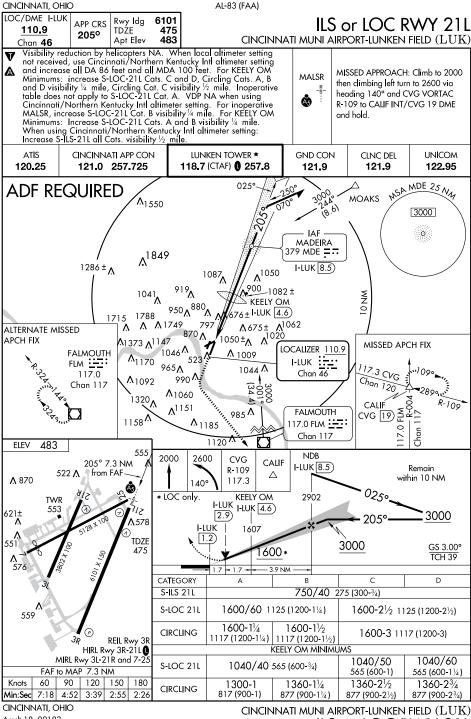
An "airport surface hot spot" is a location on an aerodrome movement area with a history or potential risk of collision or runway incursion, and where heightened attention by pilots/drivers is necessary.

A "hot spot" is a runway safety related problem area on an airport that presents increased risk during surface operations. Typically it is a complex or confusing taxiway/taxiway or taxiway/runway intersection. The area of increased risk has either a history of or potential for runway incursions or surface incidents, due to a variety of causes, such as but not limited to: airport layout, traffic flow, airport marking, signage and lighting, situational awareness, and training. Hot spots are depicted on airport diagrams as open circles or polygons designated as "HS 1", "HS 2", etc. and tabulated in the list below with a brief description of each hot spot. Hot spots will remain charted on airport diagrams until such time the increased risk has been reduced or eliminated.

increased risk has been reduced or eliminated.		
CITY/AIRPORT	HOT SPOT	DESCRIPTION*
AKRON, OH		
AKRON-CANTON RGNL (CAK)	HS 1 HS 2 HS 3	ILS hold short line proximity to transient parking ramp. Rwy 01-19 and Rwy 05-23 hold short line on Twy C east of Rwy 01-19. Hold short lines on Twy K between Rwy 01-19 and Rwy 05-23 are nearly co-located.
CINCINNATI, OH		05-25 are ricarry co-located.
CINCINNATI MUNI		
AIRPORT-LUNKEN FIELD (LUK)	HS 1 HS 2 HS 3	Twy C and Rwy 03L apch area. Twy A and Rwy 21R. Departing acft on Rwy 21L can expect to hold short of Rwy 25 on Twy A.
	HS 4	Terminal ramp and Rwy 07, need ATC authorization to depart terminal ramp area.
CLEVELAND, OH		
CLEVELAND-HOPKINS		
INTL (CLE)	HS 1 HS 2	Complex int of Rwy 06R-24L and Twy S, Twy L. Complex int of Rwy 06R-24L and Twy R, Twy L.
COLUMBUS, OH		
OHIO STATE UNIVERSITY (OSU)	HS 1	When holding short of Rwy 09R, aircraft must clear Rwy 05 hold short line on Twy A, west of Rwy 05.
	HS 2	Rwy 05 hold short line close proximity to west ramp on Twy A.
	HS 3	Wrong rwy departure risk: Rwy 32 is not visible from hold short lines on Twy D.
	HS 4	Successive hold short lines on Twy A east of Twy D define Rwy 32 apch zone.
COLUMBUS, OH		
PORT COLUMBUS INTL (CMH)	HS 1 HS 2 HS 3	Full length departures for Rwy 28L expect Twy F. Complex rwy/twy int. Area not visible from the twr.
EVANSVILLE, IN	1100	Area not visible from the twi.
EVANSVILLE RGNL (EVV)	HS 1 HS 2 HS 3	Pilots taxiing to Rwy 09 enter the rwy mid-field. Rwy 27 and Twy A. Rwy 18-36 in close proximity to General Aviation Ramp.
	HS 4	Rwy 18-36 in close proximity to General Aviation Ramp.
YOUNGSTOWN-WARREN, OH YOUNGSTOWN-WARREN		
RGNL (YNG)	HS 1 HS 2	Rwy 23 hold short line on Twy H southeast of Rwy 23. Complex Twy K-Twy F int.

23 SEP 2010 to 21 OCT 2010

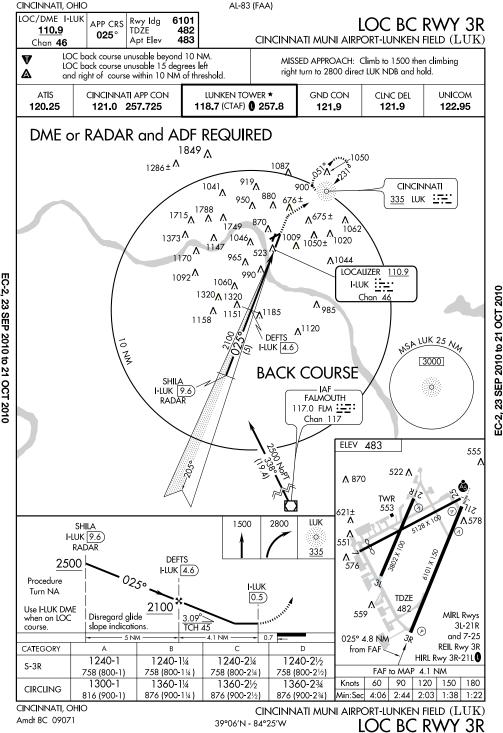
^{*}See appropriate A/FD, Alaska or Pacific Supplement HOT SPOT table for additional information.

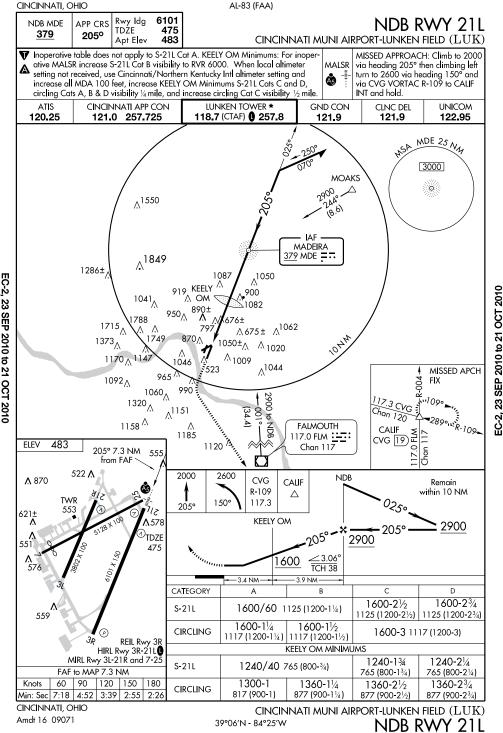


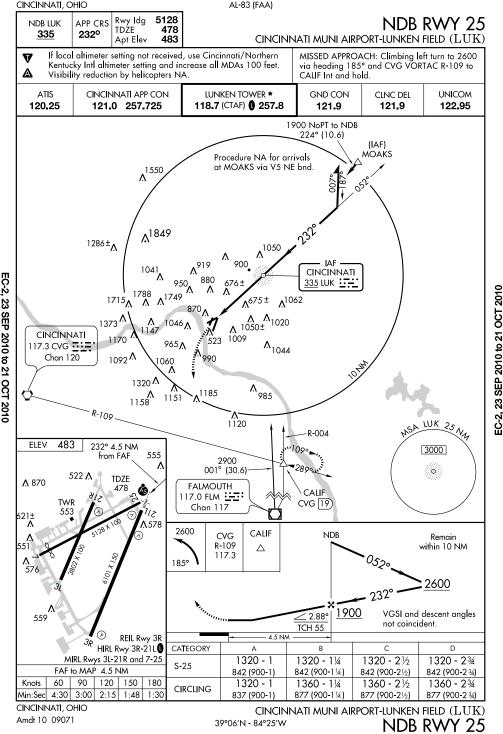
Amdt 18 09183

EC.2

23 SEP 2010 to 21 OCT 2010







Α

EC.2

23 SEP 2010 to 21 OCT 2010

AL-83 (FAA)

RNAV (GPS) RWY 21L

CINCINNATI MUNI AIRPORT-LUNKEN FIELD (LUK)

DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Baro-VNAV and VDP NA when using Cincinnati/Northern Kentucky Intl altimeter setting. For uncompensated MALSR MISSED APPROACH: Climb to 2600 direct JUKIB and via 146° track to CAUF Å and hold.

EC-2, 23 SEP 2010 to 21 OCT 2010

2600

<u>GS 3.00°</u>

TCH 39

D

Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 47°C (116°F) When local altimeter setting not received, use Cincinnati/Northern Kentucky Intl altimeter setting and increase all DA 86 feet, all MDA 100 feet, and increase LPV all Cats, LNAV/VNAV Cats C and D, LNAV Cat B, and Circling Cats B & D visibility ¼ mile, increase LNAV Cat C and Circling Cat C visibility ½ mile. For inoperative MALSR, increase LPV all Cats visibility ½ mile. Inoperative table does not apply to LNAV/VNAV ATIS CINCINNATI APP CON LUNKEN TOWER * GND CON CLNC DEL UNICOM 118.7 (CTAF) 0 257.8 121.9 122.95 120.25 121.0 257.725 121.9 NSA RW21L 25 NA Procedure NA for arrivals at MOAKS 5 NM via V5 northeast bound. 3000 (IAF) 2600 NoPT \bigcirc -△ MOAKS 270° ∆¹⁵⁵⁰ (6) (IF/IAF) KÜYEY _∆1849 (FAF) 1286±∧ SIYOR 1087 900 .1082 ± 1041 YACUK 950 1,880 3.2 NM to 1788 RW21L 1715_A ۸₁₇₄₉ 866± ^675± RW21L MISSED APCH FIX ∆1020 1373 ^ 1147 1046 1050± **5 NM** 1170 ^A 523 1009 ₁₀₄₄ 965 A 990 25 1092 [^] LNAV/VNAV CALIF 1060 † Fly visual Anna Bonna Fly visual 1320 Λ 205° 2.3 NM _گ1151 205° 2.2 NM ELEV 483 When using Cincinnati/Northern [∆]1185 **BOSTR** 205° to Kentucky Intl altimeter setting RW21L 555 2600 When using Cincinnati/Northern 5 NM CALIF 146° Kentucky Intl altimeter setting. **KUYEY** Holding Pattern 522 Λ track **∧** 870 YACUK SIYOR 3.2 NM to LNAV/VNAV *1.9 NM to RW21L fly visual RW21L حيرآ 553

559 LNAV/ 1230-21/2 1230-21/4 1230-2 755 (800-2) DA VNAV 755 (800-21/2) 755 (800-21/4) P ЗR 1120/60 1120-11/2 LNAV MDA 1120/40 645 (700-3/1) REIL Rwy 3R HIRL Rwy 3R-21L MIRL Rwy 3L-21R and 7-25 645 (700-11/4) 645 (700-11/2) 1300-1 1360-11/4 1360-23/4 1360-2 1/2 CIRCLING 817 (900-1) 877 (900-11/4) 877 (900-21/2) 877 (900-23/4) CINCINNATI, OHIO CINCINNATI MUNI AIRPORT-LUNKEN FIELD (LUK)

-1.9----1.3 NM -

RW21L

20.5°

2.2NM

† Fly visual

CATEGORY

DA

LPV

205° 2.3NM

TDZE

475

1540

-1.4 NM-

834/40

Orig 09071

621±

551

۸

<u>∧</u> 576

39°06'N - 84°25'W (GPS) RW

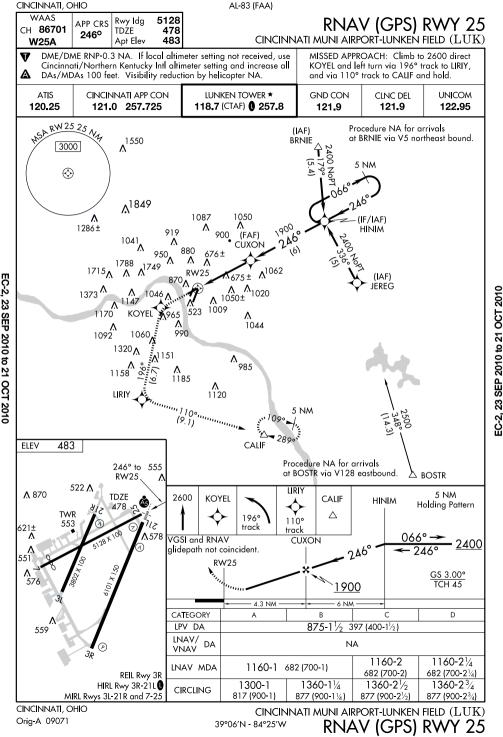
205°

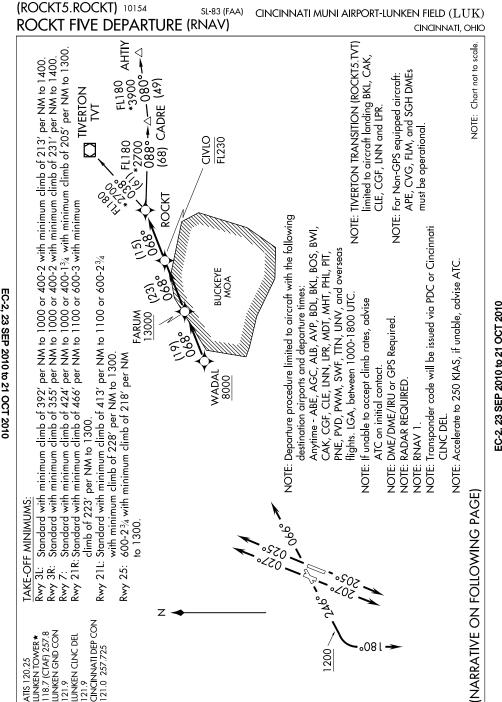
359 (400-34)

* LNAV only

2000

6.9 NM





CINCINNATI, OHIO CINCINNATI MUNI AIRPORT-LUNKEN FIELD $({ m LUK})$

DEPARTURE (RNAV)

EC-2, 23 SEP 2010 to 21 OCT 2010

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAY 3L: Climb heading 027°, expect vectors to WADAL,

TAKE-OFF RUNWAY 3R: Climb heading 025°, expect vectors to WADAL,

thence

ROCKT FIVE DEPARTURE (RNAV)

TAKE-OFF RUNWAY 7: Climb heading 066°, expect vectors to WADAL,

TAKE-OFF RUNWAY 21R: Climb heading 207°, expect vectors to WADAL, TAKE-OFF RUNWAY 21L: Climb heading 205°, expect vectors to WADAL,

thence TAKE-OFF RUNWAY 25: Climb heading 246° to 1200, then climbing left turn

(ROCKT5.ROCKT) 10154

heading 180°, expect vectors to WADAL, thence

. . . . via depicted route to ROCKT. Maintain 2500. Expect clearance to filed altitude within 10 minutes after departure.

AHTIY TRANSITION (ROCKT5.AHTIY): TIVERTON TRANSITION (ROCKT5.TVT):

TAKEOFF OBSTACLE NOTES:

Rwy 3L: Bldg and Hangars beginning 305' from DER, 259' left of centerline, up to 41' AGL/521'

Trees beginning 957' from DER, 144' right of centerline, up to 77' AGL/556' MSL. Trees 1.2 NM from DER, 2270' left of centerline, up to 97' AGL/866' MSL. Pole 1.6 NM from DER, 320' left of centerline, 68' AGL/797' MSL.

Rwy 3R: Trees beginning 1426' from DER, 196' left of centerline, up to 68' AGL/557' MSL. Trees beginning 840' from DER, 130' right of centerline, up to 83' AGL/572' MSL. Trees 1.3 NM from DER, 2393' left of centerline, up to 97' AGL/856' MSL.

Pole 1.5 NM from DER, 2062' left of centerline, 68' AGL/797' MSL. Rwy 7: Trees beginning 447' from DER, 68' left of centerline, up to 87' AGL/576' MSL. Trees beginning 664' from DER, 45' right of centerline, up to 88' AGL/575' MSL.

Trees 4515' from DER, 1519' right of centerline, up to 81' AGL/720' MSL. Trees 1.3 NM from DER, 2088' right of centerline, up to 85' AGL/824' MSL. Rwy 21R: Trees beginning 1444' from DER, 203' left of centerline, up to 66' AGL/555' MSL.

Trees beginning 1073' from DER, 25' right of centerline, up to 79' AGL/568' MSL. Trees 1.1 NM from DER, 2262' right of centerline, up to 86' AGL/895' MSL. Tower 2.3 NM from DER, 527' left of centerline, 168' AGL/990' MSL.

Trees 2.4 NM from DER, 1847' left of centerline, up to 71' AGL/890' MSL. Rwy 21L: Trees beginning 122' from DER, 63' left of centerline, up to 118' AGL/597' MSL. Trees beginning 15' from DER, 248' right of centerline, up to 82' AGL/571' MSL.

Trees 4581' from DER, 1503' left of centerline, up to 144' AGL/723' MSL. Tower 2.0 NM from DER, 2027' right of centerline, 168' AGL/990' MSL. Pole 2.2 NM from DER, 281' right of centerline, 78' AGL/841' MSL.

Rwy 25: Sign, Pole, Hangars, and Trees beginning 177' from DER, 13' left of centerline, up to 86' AGL/575' MSL.

Tower 2.6 NM from DER, 2052' left of centerline, 158' AGL/885' MSL.

Road, Bldg, Poles, and Trees beginning 185' from DER, 5' right of centerline, up to 73' AGL/562' MSL. Tank 1.4 NM from DER, 1755' right of centerline, 210' AGL/1046' MSL.

ROCKT FIVE DEPARTURE (RNAV)

CINCINNATI, OHIO

223 OHIO PICKAWAY CO MEML (CYO) 5 S UTC-5(-4DT) N39°30.96′ W82°58.93′

RWY 19: REIL. PAPI (P4R)-GA 3.0° TCH 27'. Road.

MIRL 0.5% up N

AIRPORT REMARKS: Attended Mon-Sat 1300-0100Z±. Sun 1300-2200Z±. ACTIVATE MIRL Rwv 01-19. PAPI Rwv 19 and REIL Rwy 19-CTAF. COMMUNICATIONS: CTAF/UNICOM 122.7

CLARKS DREAM STRIP

BURKE LAKEFRONT

583 B S4

2D-82 HIRL RWY NGR. Thid depict 267' RWY 24L: REIL. Antenna. Rgt tfc.

CLERMONT CO

CLEVELAND

YELLOW BUD RCO 122.1R 112.5T (DAYTON RADIO)

(R) COLUMBUS APP/DEP CON 132.3

RADIO AIDS TO NAVIGATION: NOTAM FILE DAY.

RWY 01-19: H4351X75 (ASPH) S-30, D-40

APPLETON (H) VORTAC 116.7 APE Chan 114 N40°09.06' W82°35.30' 212° 42.2 NM to fld. 1350/6W.

CIRCLEVILLE NDB (MHW) 366

(See BATAVIA)

(BKL)

CLARK CO N39°52.42′ W83°46.77′

YELLOW BUD (T) VOR 112.5 XUB N39°31.61′ W82°58.68′

CYO N39°31 39′ W82°58 78′

(See CIRCLEVILLE)

FUEL 100LL. JET A OX 1. 2 LRA

RWY 06L: REIL, VASI(V4L)—GA 3.0° TCH 32', Thid dsplcd 265'. RWY 24R: MALSF, VASI(V4L)-GA 3.35° TCH 26', Bldg, Rgt tfc.

To increase ints radio reg on UNICOM. ACTIVATE MALSF Rwy

areas—check local NOTAMS for current activity; vessel height:

anch on 121.9 or call 216-898-2077 when Lakefront two clsd

passenger seats ctc 216-781-6411. Rwy 06R-24L not authorized for ops involving air carrier acft with more than 9

RWY 06R-24L: H5197X100 (ASPH-GRVD) S-43, D-50,

RWY 06L-24R: H6198X150 (ASPH-GRVD) S-93, D-113, 2S-144, 2D-170

S2 FUEL 100LL, JET A ARFF Index Ltd. NOTAM FILE DAY

NOTAM FILE SGH.

.9 N UTC-5(-4DT) N41°31.05′ W81°41.00′

UNICOM 122.95

CXR Chan 74 N41°31.02′ W81°09.79′

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not available at twr. Clearance delivery provided by Cleveland

Class IE.

Rwy 24R.

245° 5.8 NM to fld. SHUTDOWN.

at fld.

NDB (MHW) 341 CCJ 238° 3.4 NM to Springfield-Beckley Muni. Unmonitored.

at fld. Unmonitored, SHUTDOWN.

CINCINNATI

CINCINNATI

I-29A

IAP

L-27E Class IV, ARFF Index A NOTAM FILE BKL H-10G, L-30G

€3

IAP, AD

AIRPORT REMARKS: Attended continuously, Rwy 06R-24L CLOSED when twr clsd. Birds and waterfowl on and invof airport. 72' ship crane 1300' SW of Rwy 06R. When twr clsd HIRL Rwy 06L-24R preset; 24R—CTAF. PPR for unscheduled air carrier ops with more than 9 passenger seats. Rwy 06L-24R and Rwy 06R-24L apch surfaces have navigable waterways creating possible vessel obstruction etc. Twy G east of twy F CLOSED. Rwy 06L VASI unusable byd 8° (ADCUS) avbl 24 hrs Mon-Fri reg for svc on Sat; Sun and Holidays must be made prior to 2130Z‡ on Fri; 2 hrs

275° 23.4 NM to fld. 1310/5W.

LOM TABEY NDB. LOM SHUTDOWN.

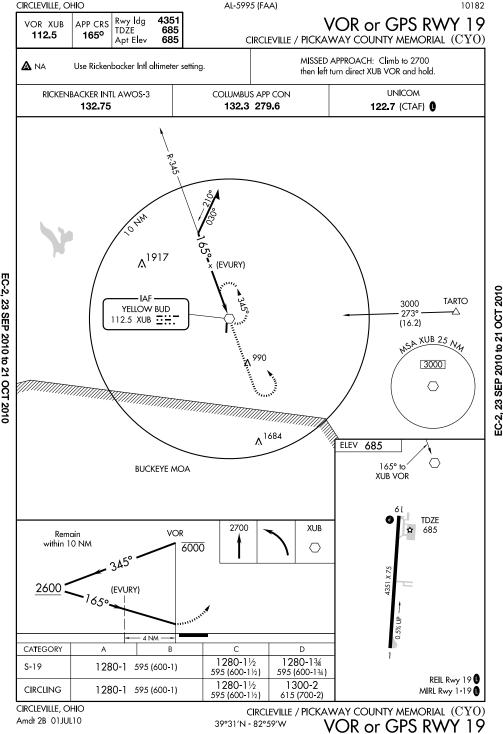
left and right of centerline. Ldg fee. Fee schedule based on number of engines and gross weight. Flight Notification Service advance notice req call 216-267-3600. Private acft and general aviation only.

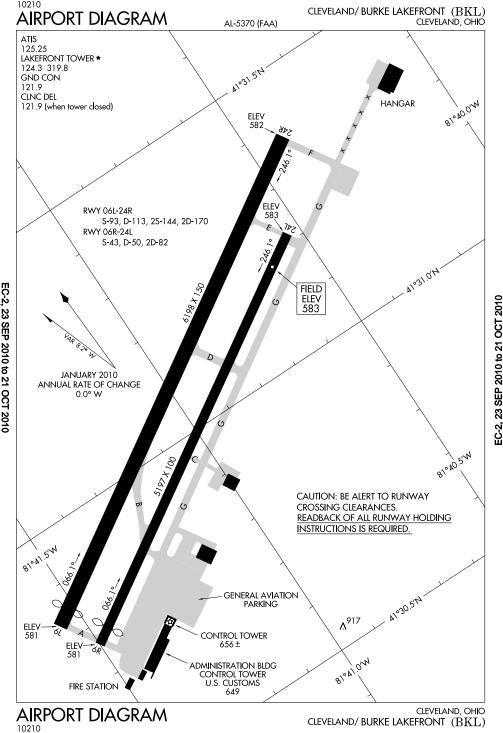
WEATHER DATA SOURCES: ASOS 125.25 (ops during twr hrs) (216) 241-6904. LLWAS. COMMUNICATIONS: CTAF 124.3 ATIS 125.25

(R) CLEVELAND APP/DEP CON 125.35 LAKEFRONT TOWER 124.3 (Mon 1200Z to Sat 0400Z t: Sat 1200-0400Z t. Sun 1300-0500Z t) **GND CON 121.9**

AIRSPACE: CLASS D svc Mon 1200Z‡ to Sat 0400Z‡, Sat 1200-0400Z‡, Sun 1300-0500Z‡ other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. CHARDON (H) VOR/DME 112.7 TABEY NDB (LOM) 248 BF N41°34.15′ W81°34.43′ **ILS/DME** 109.75 I-BFT Chan 34(Y)





223 OHIO PICKAWAY CO MEML (CYO) 5 S UTC-5(-4DT) N39°30.96′ W82°58.93′

RWY 19: REIL. PAPI (P4R)-GA 3.0° TCH 27'. Road.

MIRL 0.5% up N

AIRPORT REMARKS: Attended Mon-Sat 1300-0100Z±. Sun 1300-2200Z±. ACTIVATE MIRL Rwv 01-19. PAPI Rwv 19 and REIL Rwy 19-CTAF. COMMUNICATIONS: CTAF/UNICOM 122.7

CLARKS DREAM STRIP

BURKE LAKEFRONT

583 B S4

2D-82 HIRL RWY NGR. Thid depict 267' RWY 24L: REIL. Antenna. Rgt tfc.

CLERMONT CO

CLEVELAND

YELLOW BUD RCO 122.1R 112.5T (DAYTON RADIO)

(R) COLUMBUS APP/DEP CON 132.3

RADIO AIDS TO NAVIGATION: NOTAM FILE DAY.

RWY 01-19: H4351X75 (ASPH) S-30, D-40

APPLETON (H) VORTAC 116.7 APE Chan 114 N40°09.06' W82°35.30' 212° 42.2 NM to fld. 1350/6W.

CIRCLEVILLE NDB (MHW) 366

(See BATAVIA)

(BKL)

CLARK CO N39°52.42′ W83°46.77′

YELLOW BUD (T) VOR 112.5 XUB N39°31.61′ W82°58.68′

CYO N39°31 39′ W82°58 78′

(See CIRCLEVILLE)

FUEL 100LL. JET A OX 1. 2 LRA

RWY 06L: REIL, VASI(V4L)—GA 3.0° TCH 32', Thid dsplcd 265'. RWY 24R: MALSF, VASI(V4L)-GA 3.35° TCH 26', Bldg, Rgt tfc.

To increase ints radio reg on UNICOM. ACTIVATE MALSF Rwy

areas—check local NOTAMS for current activity; vessel height:

anch on 121.9 or call 216-898-2077 when Lakefront two clsd

passenger seats ctc 216-781-6411. Rwy 06R-24L not authorized for ops involving air carrier acft with more than 9

RWY 06R-24L: H5197X100 (ASPH-GRVD) S-43, D-50,

RWY 06L-24R: H6198X150 (ASPH-GRVD) S-93, D-113, 2S-144, 2D-170

S2 FUEL 100LL, JET A ARFF Index Ltd. NOTAM FILE DAY

NOTAM FILE SGH.

.9 N UTC-5(-4DT) N41°31.05′ W81°41.00′

UNICOM 122.95

CXR Chan 74 N41°31.02′ W81°09.79′

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not available at twr. Clearance delivery provided by Cleveland

Class IE.

Rwy 24R.

245° 5.8 NM to fld. SHUTDOWN.

at fld.

NDB (MHW) 341 CCJ 238° 3.4 NM to Springfield-Beckley Muni. Unmonitored.

at fld. Unmonitored, SHUTDOWN.

CINCINNATI

CINCINNATI

I-29A

IAP

L-27E Class IV, ARFF Index A NOTAM FILE BKL H-10G, L-30G

€3

IAP, AD

AIRPORT REMARKS: Attended continuously, Rwy 06R-24L CLOSED when twr clsd. Birds and waterfowl on and invof airport. 72' ship crane 1300' SW of Rwy 06R. When twr clsd HIRL Rwy 06L-24R preset; 24R—CTAF. PPR for unscheduled air carrier ops with more than 9 passenger seats. Rwy 06L-24R and Rwy 06R-24L apch surfaces have navigable waterways creating possible vessel obstruction etc. Twy G east of twy F CLOSED. Rwy 06L VASI unusable byd 8° (ADCUS) avbl 24 hrs Mon-Fri reg for svc on Sat; Sun and Holidays must be made prior to 2130Z‡ on Fri; 2 hrs

275° 23.4 NM to fld. 1310/5W.

LOM TABEY NDB. LOM SHUTDOWN.

left and right of centerline. Ldg fee. Fee schedule based on number of engines and gross weight. Flight Notification Service advance notice req call 216-267-3600. Private acft and general aviation only.

WEATHER DATA SOURCES: ASOS 125.25 (ops during twr hrs) (216) 241-6904. LLWAS. COMMUNICATIONS: CTAF 124.3 ATIS 125.25

(R) CLEVELAND APP/DEP CON 125.35 LAKEFRONT TOWER 124.3 (Mon 1200Z to Sat 0400Z t: Sat 1200-0400Z t. Sun 1300-0500Z t) **GND CON 121.9**

AIRSPACE: CLASS D svc Mon 1200Z‡ to Sat 0400Z‡, Sat 1200-0400Z‡, Sun 1300-0500Z‡ other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. CHARDON (H) VOR/DME 112.7 TABEY NDB (LOM) 248 BF N41°34.15′ W81°34.43′ **ILS/DME** 109.75 I-BFT Chan 34(Y)

3wy 24R:

300% (99)

3wy 24L:

Rwy 6L: Rwy 6R:

ALPHE

DEPARTURE (RNAV)

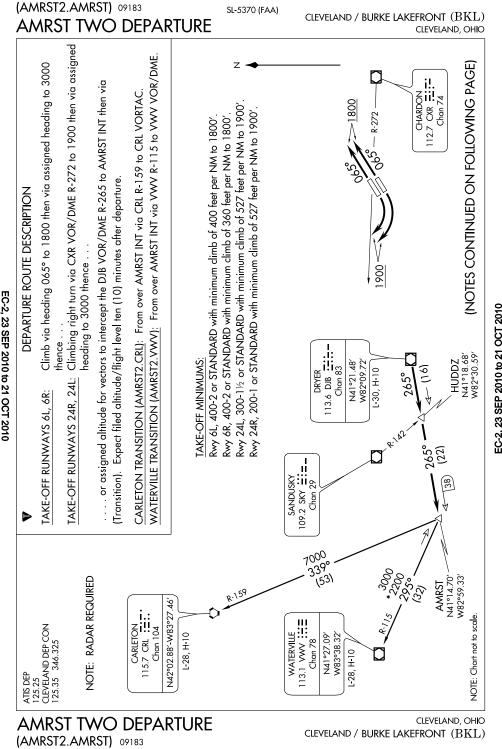
CLEVELAND DEP CON 125.35 346.32 NOTE: DME/DME/IRU or GPS required

RADAR REQUIRED

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VOTE: RNAV 1

VOTE: Chart not to scale.



CLEVELAND, OHIO

AMRST TWO DEPARTURE

TAKE-OFF OBSTACLES:

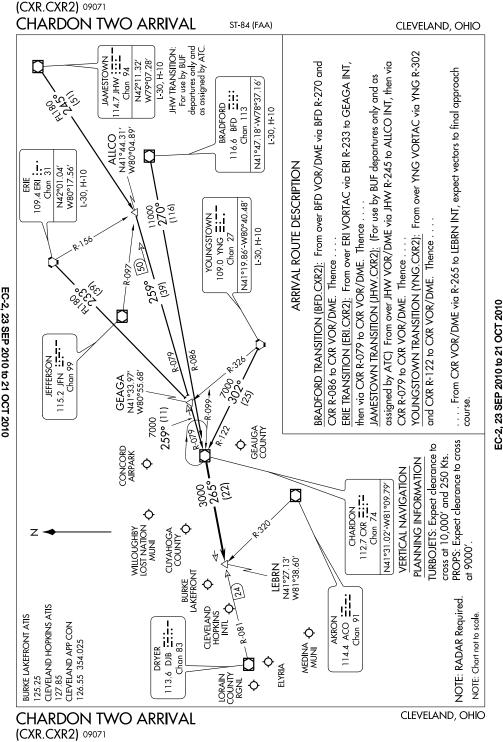
Rwy 6L: OL on Hanger 1127' from DER, 780' right of centerline, 575' AGL/622' MSL. Tower 5589' from DER, 1760' right of centerline, 237' AGL/857' MSL. Stacks 1.6 NM from DER, 883' right of centerline, 312' AGL/898' MSL.

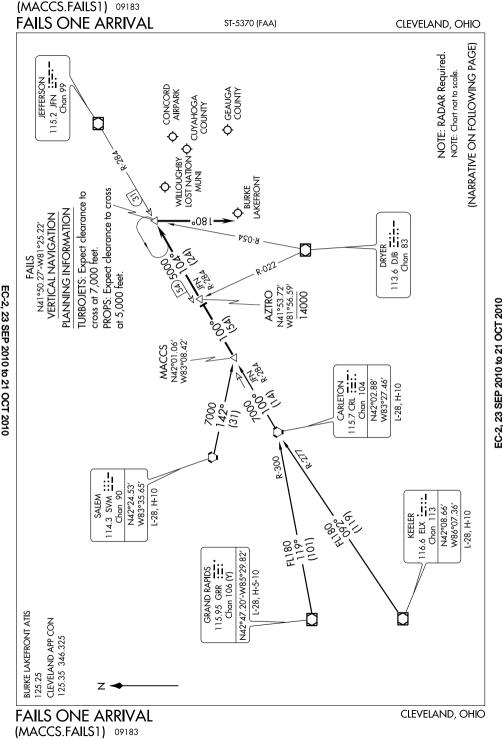
OL on WSK 166' from DER, 241' left of centerline, 21' AGL/590' MSL. Rwy 6R: Stacks 1.8 NM from DER, 381' right of centerline, 312' AGL/898' MSL. Tower 5676' from DER, 1999' right of centerline, 108' AGL/734' MSL.

Tower 1.1 NM from DER, 1258' right of centerline, 237' AGL/857' MSL. Monument 1257' from DER, 10' left of centerline, 55' AGL/630' MSL. Rwy 24L: Bridge 1.1 NM from DER, 2006' left of centerline, 208' AGL/792' MSL. Antenna 227' from DER, 505' left of centerline, 37' AGL/608' MSL. Antenna on building 1529' from DER, 2340' left of centerline, 483' AGL/1126' MSL.

Building 2805' from DER, 3340' left of centerline, 949' AGL/1603' MSL. Rwy 24R: Crane 2228' from DER, 296' left of centerline, 136' AGL/707' MSL. Antenna 2783' from DER, 1155' left of centerline, 186' AGL/764' MSL.

Multiple bldgs 2787' from DER, 3873' left of centerline, up to 949' AGL/1603' MSL. Antenna on bldg 1529' from DER, 2839' left of centerline, 483' AGL/1126' MSL.





CARLETON TRANSITION (CRL.FAILS1): From over CRL VORTAC via CRL R-100 and JFN R-284 to MACCS INT. Thence. . . .

GRAND RAPIDS TRANSITION (GRR.FAILS1): From over GRR VOR/DME via GRR R-119 and CRL R-300 to CRL VORTAC, then via CRL R-100 and JFN R-284 to MACCS INT.

Thence. . . .

EC-2, 23 SEP 2010 to 21 OCT 2010

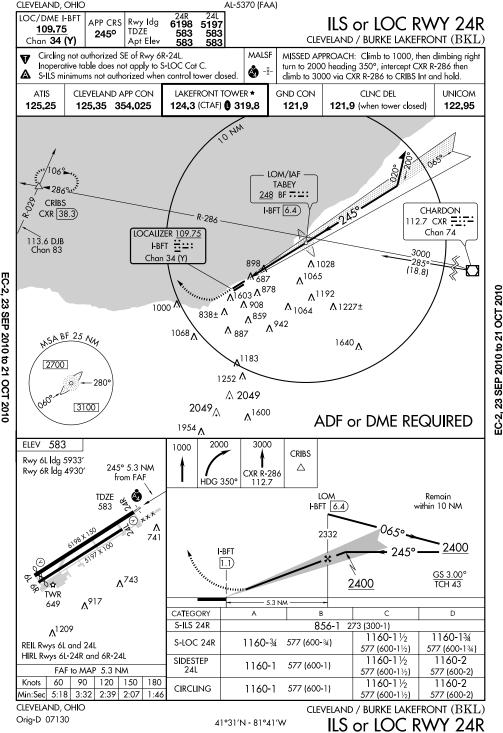
KEELER TRANSITION (ELX.FAILS1): From over ELX VOR/DME via ELX R-092 and CRL R-277 to CRL VORTAC, then via CRL R-100 and JFN R-284 to MACCS INT.

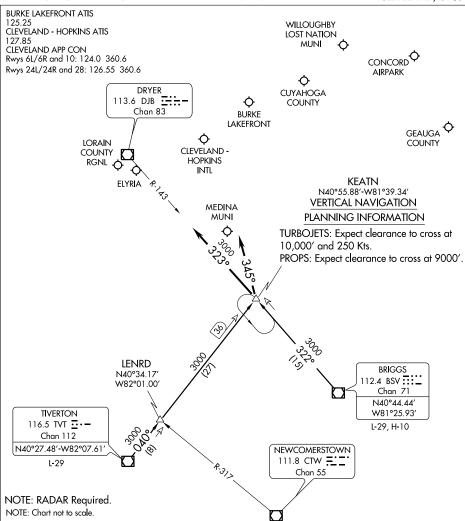
Thence

SALEM TRANSITION (SVM.FAILS1): From over SVM VORTAC via heading 142° to MACCS INT. Thence. . . .

. . . . From over MACCS INT, via CRL VORTAC R-100 to AZTRO INT, then via JFN VOR/DME R-284 to FAILS INT. From FAILS fly heading 180°.

Expect radar vectors to final approach course.





BRIGGS TRANSITION (BSV.KEATN5): From over BSV VOR/DME via BSV R-322 to KEATN INT.

TIVERTON TRANSITION (TVT.KEATNS): From over TVT VOR/DME via TVT R-040 to KEATN INT.

Thence. . . .

EC-2, 23 SEP 2010 to 21 OCT 2010

LANDING CLE RWY 24L/R and 28: Depart KEATN INT heading 345°. Expect radar vectors to

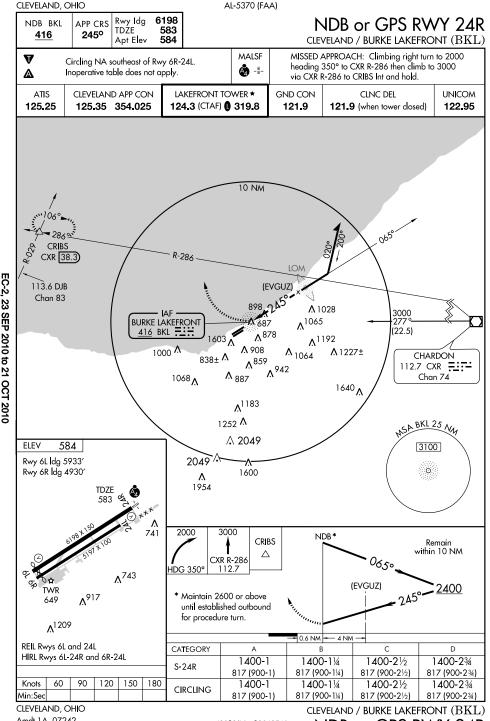
final approach course. LANDING CLE RWY 6L/R and 10:Depart KEATN INT via DJB R-143 to DJB VOR/DME.

Expect radar vectors to final approach course.

LANDING ALL OTHER AIRPORTS: From KEATN INT expect radar vectors to final approach course.

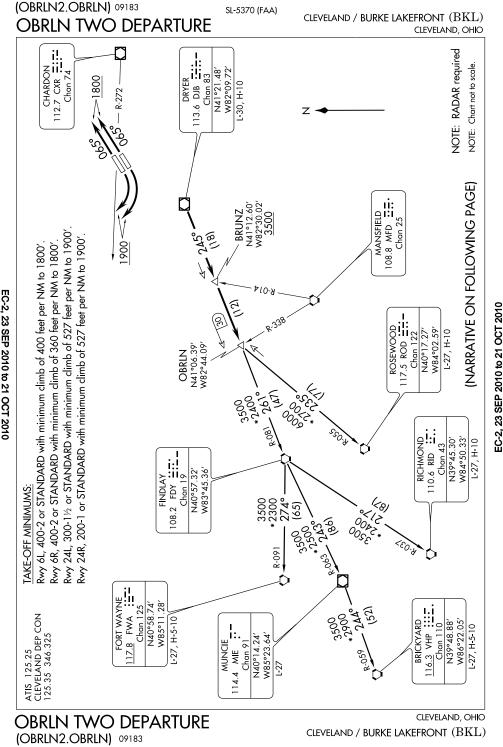
KEATN FIVE ARRIVAL (KEATN.KEATN5) 10266

CLEVELAND, OHIO



Amdt 1A 07242

41°31′N - 81°41′W NDB or GPS RWY 24R



OBRLN TWO DEPARTURE

V

EC-2, 23 SEP 2010 to 21 OCT 2010

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAY 6L: Climb via heading 065° to 1800 then via assigned heading to 3000 thence. . . .

TAKE-OFF RUNWAY 6R: Climb via heading 065° to 1800 then via assigned heading to 3000 theorem

TAKE-OFF RUNWAYS 24R, 24L: Climbing right turn via CXR VOR/DME R-272 to 1900 then via assigned heading to 3000 thence. . . .

.... or assigned altitude for vectors to intercept the DJB VOR/DME R-245, cross BRUNZ INT at or above 3500 then proceed to OBRLN INT then via (transition). Expect filed altitude/flight level ten (10) minutes after departure.

BRICKYARD TRANSITION (OBRLN2.VHP): From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-243 and MIE R-063 to MIE VOR/DME, then via MIE R-244 and VHP R-059 to VHP VORTAC. FORT WAYNE TRANSITION (OBRLN2.FWA): (For use by Fort Wayne arrivals only and

ATC use as assigned.) From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-274 and FWA R-091 to FWA VORTAC.

MUNCIE TRANSITION (OBRINZ MIE): (For use by Indiagagodis arrivals only and ATC use a

MUNCIE TRANSITION (OBRLN2.MIE): (For use by Indianapolis arrivals only and ATC use as assigned). From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-243 and MIE R-063 to MIE VOR/DME.

RICHMOND TRANSITION (OBRLN2.RID): From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-217 and RID R-037 to RID VORTAC.

ROSEWOOD TRANSITION (OBRLN2.ROD): (For use at or below FL220 only and ATC use as assigned). From over OBRLN INT via ROD R-055 to ROD VORTAC.

TAKE-OFF OBSTACLES:

Rwy 6L: OL on Hanger 1127' from DER, 780' right of centerline, 575' AGL/622' MSL.

Tower 5589' from DER, 1760' right of centerline, 237' AGL/857' MSL.

Stacks 1.6 NM from DER, 883' right of centerline, 312' AGL/898' MSL.

Rwy 6R: OL on WSK 166' from DER, 241' left of centerline, 21' AGL/590' MSL.

Stacks 1.8 NM from DER, 381' right of centerline, 312' AGL/898' MSL.

Towar 5676' from DER, 1889' right of centerline, 108' AGL/734' MSL.

Tower 5676' from DER, 1999' right of centerline, 108' AGL/734' MSL.
Tower 1.1 NM from DER, 1258' right of centerline, 237' AGL/857' MSL.
Rwy 24L: Monument 1257' from DER, 10' left of centerline, 55' AGL/630' MSL.

Bridge 1.1 NM from DER, 2006' left of centerline, 208' AGL/792' MSL.

Antenna 227' from DER, 505' left of centerline, 37' AGL/708' MSL.

Antenna 227' from DER, 505' left of centerline, 37' AGL/608' MSL.

Antenna on building 1529' from DER, 2340' left of centerline, 483' AGL/1126' MSL.

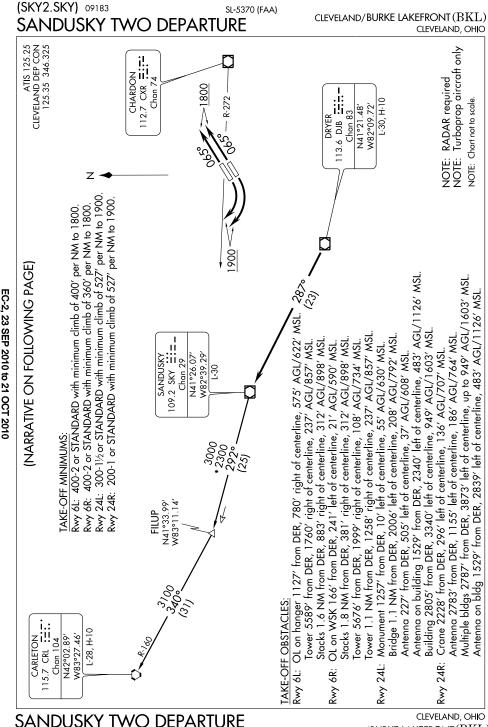
Building 2805' from DER, 3340' left of centerline, 949' AGL/1603' MSL.
Rwy 24R: Crane 2228' from DER, 296' left of centerline, 136' AGL/707' MSL.

Antenna 2783' from DER, 1155' left of centerline, 186' AGL/764' MSL.

Multiple bldgs 2787' from DER, 3873' left of centerline, up to 949' AGL/1603' MSL.

Antenna on bldg 1529' from DER, 2839' left of centerline, 483' AGL/1126' MSL.

OBRLN TWO DEPARTURE



SANDUSKY 09183

DEPARTURE ROUTE DESCRIPTION

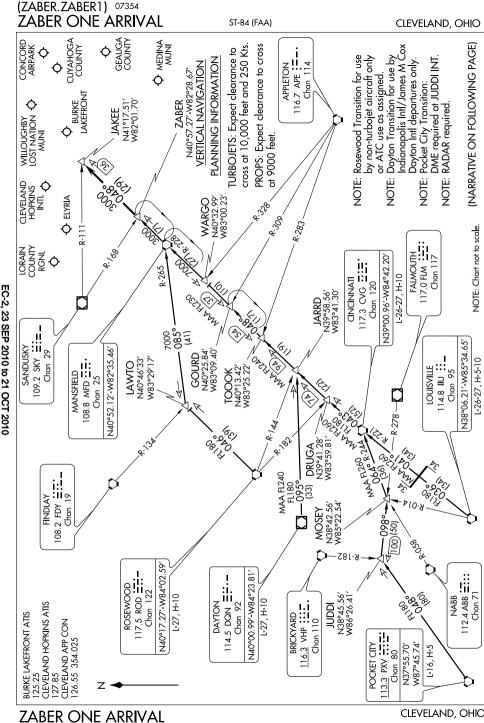
TAKE-OFF RUNWAYS 6L, 6R: Climb via heading 065° to 1800 then via assigned heading to 3000 thence. . . .

TAKE-OFF RUNWAYS 24R, 24L: Climbing right turn via CXR VOR/DME R-272 to 1900 then via assigned heading to 3000 thence. . . .

. . . . or assigned altitude for vectors to intercept the DJB VOR/DME R-287 to SKY VOR/DME. Expect filed altitude/flight level ten (10) minutes after departure.

CARLETON TRANSITION (SKY2.CRL): From over SKY VOR/DME via SKY R-292 to FILUP INT, then via CRL R-160 to CRL VORTAC.

EC-2, 23 SEP 2010 to 21 OCT 2010



CINCINNATI TRANSITION (CVG.ZABER1): From over CVG VORTAC via CVG R-043 to TOOOK INT, then via MFD R-228 to MFD VORTAC, then via MFD R-048 to ZABER INT.

Thence

EC-2, 23 SEP 2010 to 21 OCT 2010

DAYTON TRANSITION (DQN.ZABER1): (For use by INDIANAPOLIS INTL/JAMES M COX DAYTON INTL departures only). From over DQN VOR/DME via DQN R-095 to JARRD INT,

then via CVG R-043 to TOOOK INT, then via MFD R-228 to MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . .

LOUISVILLE TRANSITION (IIU.ZABER1): From over IIU VORTAC via IIU R-036 and CVG

R-221 to CVG VORTAC, then via CVG R-043 to TOOOK INT, then via MFD R-228 to

MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . . POCKET CITY TRANSITION (PXV.ZABER1): (DME REQUIRED at JUDDI INT) From over

PXV VORTAC via PXV R-048 to JUDDI INT, then via FLM R-278 to MOSEY INT, then via

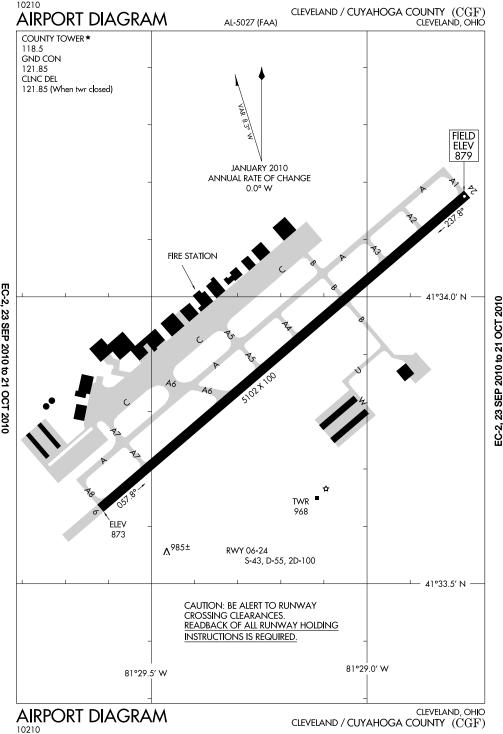
CVG R-244 to CVG VORTAC, then via CVG R-043 to TOOOK INT, then via MFD R-228 to

MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . .

ROSEWOOD TRANSITION (ROD.ZABER1): (For use by non-turbo aircraft only or ATC use

as assigned). From over ROD VORTAC via ROD R-046 to LAWTO INT, then via MFD R-265 to MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . .

. . . . From over ZABER INT via MFD R-048 to JAKEE INT. Expect radar vectors to final approach course.



225 OHIO CUYAHOGA CO (CGF) 10 E UTC-5(-4DT) N41°33.91′ W81°29.18′ DETROIT FUEL 100LL, JET A. A1+ OX 3 TPA—See Remarks 879 B S4 NOTAM FILE CGF H-10G, L-30G RWY 06-24: H5102X100 (ASPH-GRVD) S-43, D-55, 2D-100 IAP. AD

RWY 06: REIL, PAPI(P4L)-GA 3.0° TCH 42', Pole. RWY 24: MALSR, PAPI(P4L)-GA 3.0°TCH 50', Trees. €3 AIRPORT REMARKS: Attended continuously. Rwy 06-24 CLOSED to jet acft with more than 30 passengers. Birds and deer on and invof шу arpt, Flight training prohibited 0400-1200Z‡, Tower visibility SW 0000 reduced within 500' AER 06. Rwy 24 PAPI unusable byd 7° right of course, HIRL Rwy 06-24 step one OTS indef, TPA-1879 (1000). Œ turbines 2379 (1500). Twy A4 not avbl for air carrier ops with more than 30 passenger seats. When twr clsd ACTIVATE HIRL Rwy 3 C3 06-24. REIL Rwy 06. MALSR Rwy 24-CTAF, PAPI Rwy 06 and Rwy C3 C3 24 and windsock operate continuously, Ldg fee, Parking fee for €3 over two hrs. 3 3 WEATHER DATA SOURCES: LAWRS. COMMUNICATIONS: CTAF 118.5 UNICOM 122.95 C3 C3 O_C3 Q3 Q3 (R) CLEVELAND APP/DEP CON 125.35 CLEVELAND CLNC DEL 121.85 æ

Class IB.

RWY 36L: Thid dsplcd 209'. Tree.

COUNTY TOWER 118.5 (1200-0400Z‡) GND CON 121.85 AIRSPACE: CLASS D svc 1200-0400Z‡ other times CLASS G. RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. CHARDON (H) VOR/DME 112.7 CXR Chan 74 N41°31.02'

286° 14.9 NM to fld. 1310/5W.

Chan 48

GF N41°34.45′ W81°28.27′

Rwv 24.

121 85 when twr clsd

I-CGF

COBBS N39°44.58′ W83°01.22′. NOTAM FILE LCK. NDB (LOM) 253 DD 050° 6.0 NM to Rickenbacker Intl.

(See WILMINGTON)

COLUMBIA (See COLUMBIA STATION)

W81°09.79' HOGAF NDB (LMM) 521

ILS/DME 111.1

CLINTON FLD

COLUMBIA STATION COLUMBIA (4G8) 1 NW UTC-5(-4DT) N41°19.13' W81°57.61'

FUEL 100LL NOTAM FILE CLE

RWY 18R-36L: H3152X40 (ASPH) LIRL (NSTD)

RWY 18R: Thid dsplcd 300'. Trees. RWY 18L-36R: 2974X65 (TURF)

RWY 18L: Trees. RWY 36R: Tree. RWY 02-20: 2580X85 (TURF)

RWY 02: Brush. RWY 20: Trees. AIRPORT REMARKS: Attended irregularly. Rwy 02-20 CLOSED indef. Use hard surface rwy when wet. Rwy 02-20 surface rough. Rwy 18L-36R sfc rough, only south one third of rwy mowed. Rwy 18R-36L pavement

poor-weathered. ACTIVATE NSTD LIRL Rwy 18R-36L-CTAF. Rwy 18R-36L NSTD LIRL; no thid lgts. Rwy 18R-36L N 300' and S 200' unmarked. Rwy 18R NSTD dsplcd thld markings, no arrowheads. Rwy 36L NSTD dsplcd thld markings, no arrowheads.

COMMUNICATIONS: CTAF/UNICOM 122.8

COLUMBUS N39°59.69' W82°53.13'

RCO 122 2 122 3 (DAYTON RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. Chan 83 N41°21.49′ W82°09.72′ DRYER (H) VOR/DME 113.6 DJB COLUMBIANA CO (See EAST LIVERPOOL)

CCC 00

33 ය ය LOC unusable bvd 10 NM blo 3000', LOC BC unusable byd 10 NM and unusable byd 15°R of course. (BACK) GS unusable for coupled apchs blo 2020'. COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not available at twr. Clnc del provided by Cleveland apch on

at fld. NOTAM FILE CGF. SHUTDOWN.

109° 9.4 NM to fld. 780/5W. HIWAS.

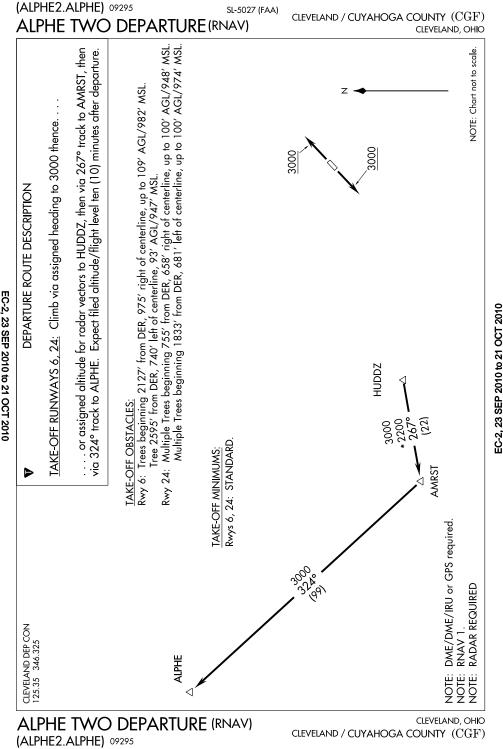
CINCINNATI

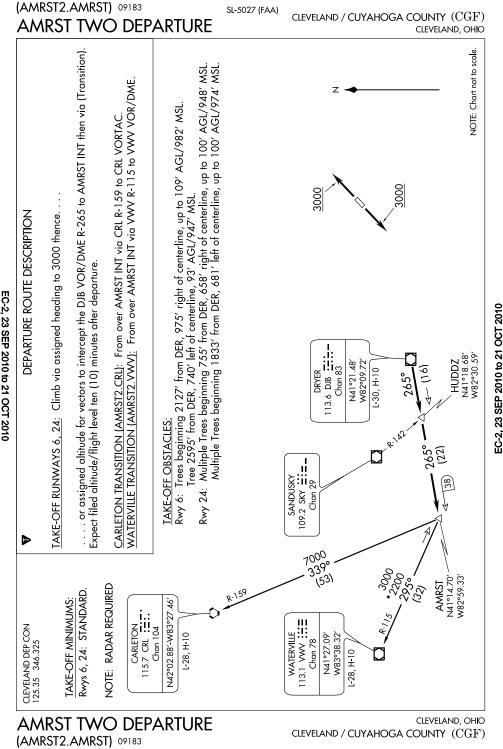
DETROIT

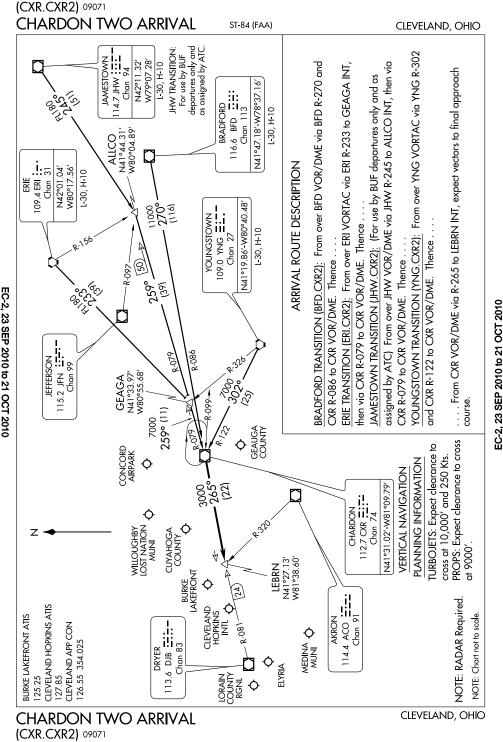
CINCINNATI

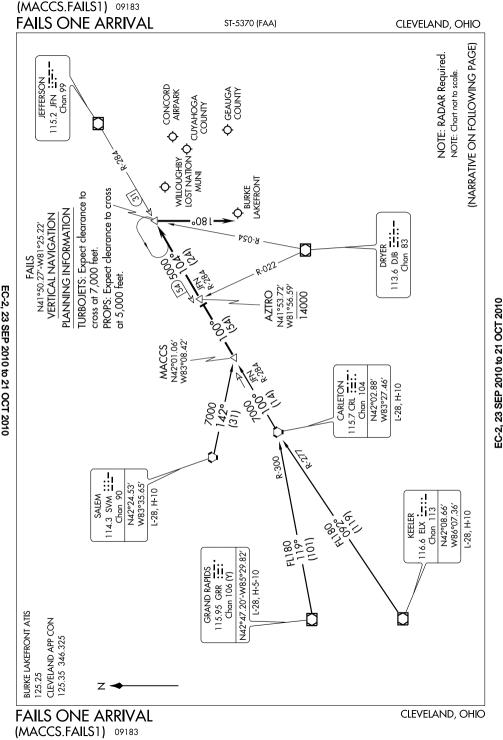
H-10G I-29A

L-30G









CARLETON TRANSITION (CRL.FAILS1): From over CRL VORTAC via CRL R-100 and JFN R-284 to MACCS INT. Thence. . . .

GRAND RAPIDS TRANSITION (GRR.FAILS1): From over GRR VOR/DME via GRR R-119 and CRL R-300 to CRL VORTAC, then via CRL R-100 and JFN R-284 to MACCS INT. Thence. . . .

KEELER TRANSITION (ELX.FAILS1): From over ELX VOR/DME via ELX R-092 and CRL R-277 to CRL VORTAC, then via CRL R-100 and JFN R-284 to MACCS INT.

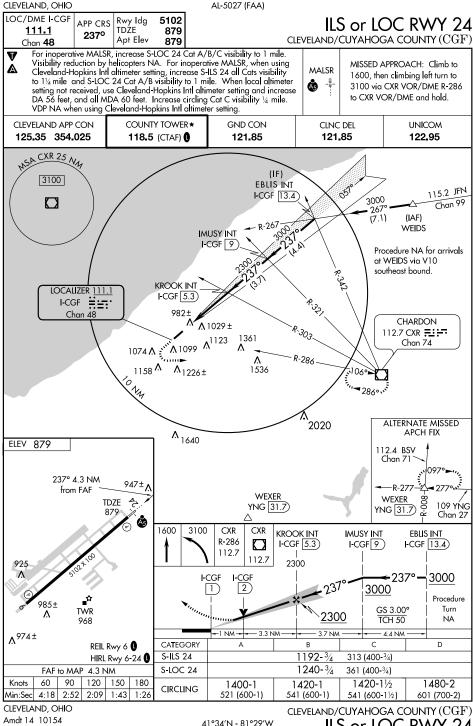
Thence

SALEM TRANSITION (SVM.FAILS1): From over SVM VORTAC via heading 142° to MACCS INT. Thence. . . .

. . . . From over MACCS INT, via CRL VORTAC R-100 to AZTRO INT, then via

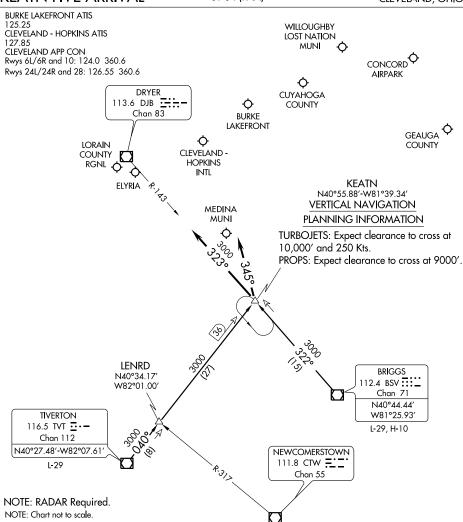
JFN VOR/DME R-284 to FAILS INT. From FAILS fly heading 180°.

Expect radar vectors to final approach course.



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ILS or LOC RW



BRIGGS TRANSITION (BSV.KEATN5): From over BSV VOR/DME via BSV R-322 to KEATN INT.

TIVERTON TRANSITION (TVT.KEATN5): From over TVT VOR/DME via TVT R-040 to KEATN INT.

Thence. . . .

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LANDING CLE RWY 24L/R and 28: Depart KEATN INT heading 345°. Expect radar vectors to

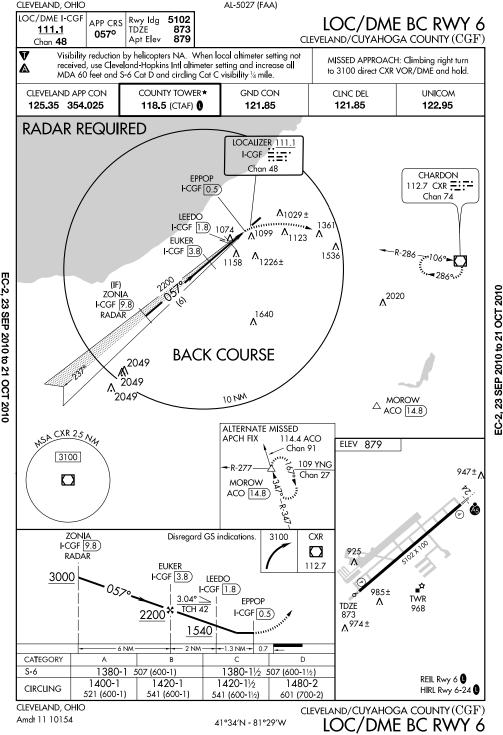
final approach course. LANDING CLE RWY 6L/R and 10:Depart KEATN INT via DJB R-143 to DJB VOR/DME.

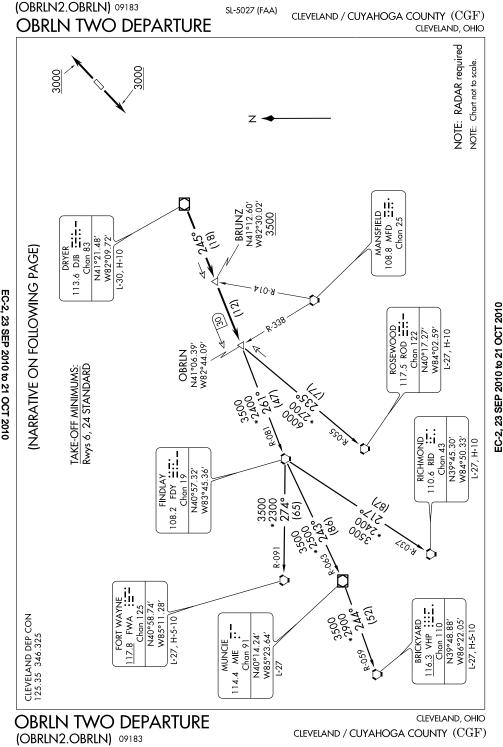
Expect radar vectors to final approach course.

LANDING ALL OTHER AIRPORTS: From KEATN INT expect radar vectors to final approach course.

KEATN FIVE ARRIVAL (KEATN.KEATN5) 10266

CLEVELAND, OHIO





V

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EC-2.

CLEVELAND, OHIO

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAYS 6, 24: Climb via assigned heading to 3000 thence. . .

. . . or assigned altitude for vectors to intercept DJB VOR/DME R-245, cross BRUNZ INT at or above 3500 then proceed to OBRLN INT then via (transition). Expect filed altitude/flight level ten (10) minutes after departure.

BRICKYARD TRANSITION (OBRLN2.VHP): From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-243 and MIE R-063 to MIE VOR/DME, then via MIE R-244 and VHP R-059 to VHP VORTAC.

FORT WAYNE TRANSITION (OBRLN2.FWA): (For use by Fort Wayne arrivals only and

ATC use as assigned.) From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-274 and FWA R-091 to FWA VORTAC. MUNCIE TRANSITION (OBRLN2.MIE): (For use by Indianapolis arrivals only and ATC use as

assigned). From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-243 and MIE R-063 to MIE VOR/DME. RICHMOND TRANSITION (OBRLN2.RID): From over OBRLN INT via FDY R-081 to FDY

VORTAC, then via FDY R-217 and RID R-037 to RID VORTAC. ROSEWOOD TRANSITION (OBRLN2.ROD): (For use at or below FL220 only and ATC use as assigned). From over OBRLN INT via ROD R-055 to ROD VORTAC.

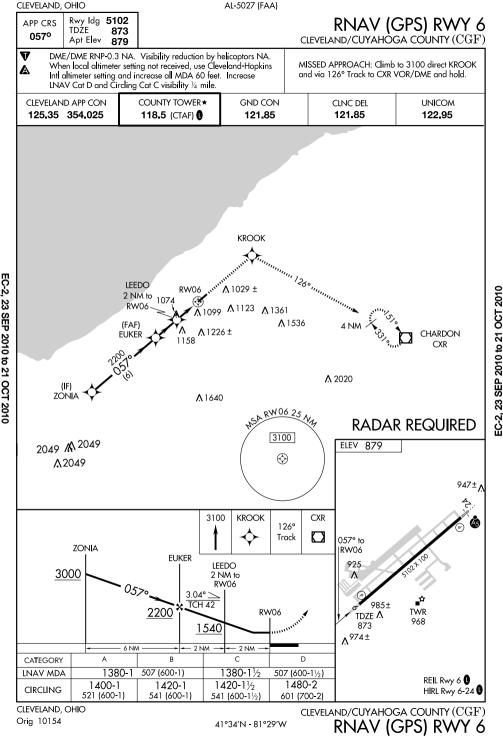
TAKE-OFF OBSTACLES:

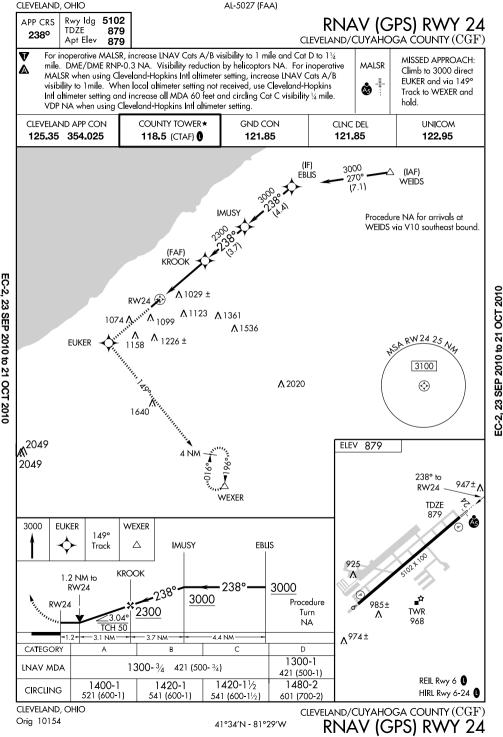
Rwy 6: Trees beginning 2127' from DER, 975' right of centerline, up to 109' AGL/982' MSL. Tree 2595' from DER, 740' left of centerline, 93' AGL/947' MSL.

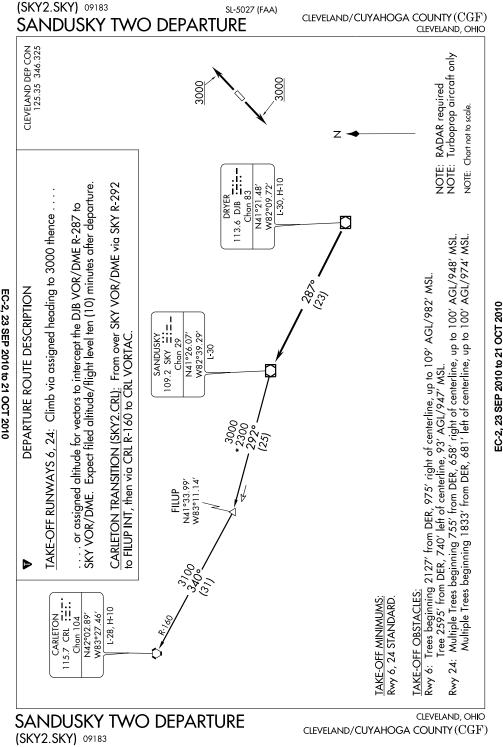
Rwy 24: Mulitple Trees beginning 755' from DER, 658' right of centerline, up to

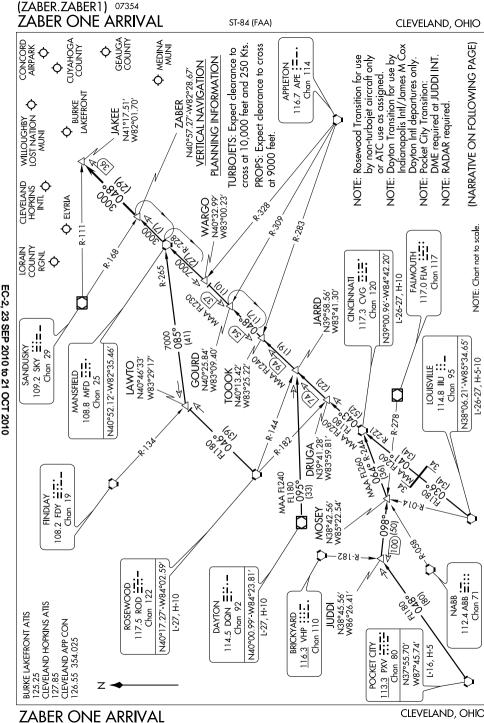
100' AGL/948' MSL. Multiple Trees beginning 1833' from DER, 681' left of centerline, up to

100' AGL/974' MSL.









ARRIVAL ROUTE DESCRIPTION

CINCINNATI TRANSITION (CVG.ZABER1): From over CVG VORTAC via CVG R-043 to TOOOK INT, then via MFD R-228 to MFD VORTAC, then via MFD R-048 to ZABER INT.

Thence

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DAYTON TRANSITION (DQN.ZABER1): (For use by INDIANAPOLIS INTL/JAMES M COX DAYTON INTL departures only). From over DQN VOR/DME via DQN R-095 to JARRD INT, then via CVG R-043 to TOOOK INT, then via MFD R-228 to MFD VORTAC, then via

MFD R-048 to ZABER INT. Thence. . . .

LOUISVILLE TRANSITION (IIU.ZABER1): From over IIU VORTAC via IIU R-036 and CVG R-221 to CVG VORTAC, then via CVG R-043 to TOOOK INT, then via MFD R-228 to

MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . . POCKET CITY TRANSITION (PXV.ZABER1): (DME REQUIRED at JUDDI INT) From over

PXV VORTAC via PXV R-048 to JUDDI INT, then via FLM R-278 to MOSEY INT, then via

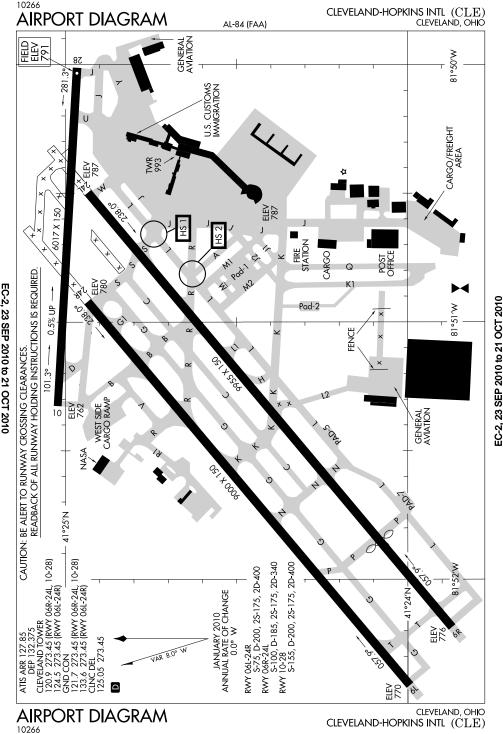
CVG R-244 to CVG VORTAC, then via CVG R-043 to TOOOK INT, then via MFD R-228 to MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . .

ROSEWOOD TRANSITION (ROD.ZABER1): (For use by non-turbo aircraft only or ATC use

as assigned). From over ROD VORTAC via ROD R-046 to LAWTO INT, then via MFD R-265

to MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . .

. . . . From over ZABER INT via MFD R-048 to JAKEE INT. Expect radar vectors to final approach course.



224 UHIO

1926'. Trees.

NOTAM FILE CLE

791 В S4

RWY 06R-24L: H9955X150 (CONC-GRVD) S-100, D-185, 2S-175, 2D-340 RWY 06R: MALSR. TDZL. PAPI (P4L)-GA 3.0° TCH 47'. Thid dspicd

FUEL 100LL, JET A1 + OX 1, 2, 3, 4 AOE Class I, ARFF Index C

deicing ops at Cleveland-Hopkins Intl: Twy M, Twy M1 between Twy L and Twy J1, Twy M2 between Twy L and

Flight Notification Service (ADCUS) available Mon-Fri 1200-0200Z‡; Sat-Sun 1400-2200Z‡; all request for svc must be made with the U.S. Customs Svc office lctd at gate A-14 call 216-267-3600 during listed hours.

UNICOM 122.95

Class IE. Autopilot coupled apch not authorized blow 1080'.

CLEVELAND-HOPKINS INTL (CLE) 9 SW UTC-5(-4DT) N41°24.57′ W81°51.30′

RWY 24L: MALSR. PAPI (P4R)-GA 3.0° TCH 75'.

RWY 06L-24R: H9000X150 (CONC-GRVD) S-75, D-200, 2S-175, 2D-400 HIRL CL

RWY 06L: ALSF2. TDZL. PAPI(P4L)-GA 3.0° TCH 55'. Trees.

RWY 24R: ALSF2. TDZL. PAPI (P2R)-GA 3.0° TCH 55'. RWY 10-28: H6017X150 (ASPH-CONC-GRVD) S-155, D-200. 2S-175, 2D-400 HIRL 0.5% up E.

RWY 10: PAPI(P4L), Road. RWY 28: REIL, MALSR, PAPI(P4R)-GA 3.0° TCH 42', Pole.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06R: LDA-8029 AIRPORT REMARKS: Attended continuously, Deer and birds, including

waterfowl, on and invof arpt. All apchs are over noise sensitive areas. Arpt late night noise abatement procedures are in effect 0400-1100Z‡. Additional noise abatement procedures are in

effect, call arpt manager normal business hrs at 216-265-6090. Twy L2 clsd between Rwy 06R-24L and Twy L: area marked with Igtd barricades and reflectors. The following twys are clsd annually from 15 Oct through 15 Apr to support

Twy J1, Twy J2 between Twy A and Twy K, Taxilane J south of Twy K restricted to acft with a wingspan of 171' or less. Pad 2 rstd to Group II acft, less than 79' wingspan. NASA Glenn Research Center; NASA ramp PPR call 216-433-2020: Mon-Fri 1300-2230Z±, Contact NASA ops on freg 122.925 within 50 NM, Ldg Fee, Rwys 06L, 24L and 24R runway visual range touchdown, midfield, rollout avbl. Rwy 28 runway visual range touchdown avbl.

NOTE: All CLE SOIA/PRM users refer to Special Notices Section, NOTE: See Special Notices—ILS Prior (Simultaneous Close Parallel) Procedure For Pilots Filing Flight Plans to Cleveland-Hopkins Intl (CLE). Continuous Power Facilities.

WEATHER DATA SOURCES: ASOS (216) 267-9955/9956. TDWR. COMMUNICATIONS: D-ATIS ARR 127.85 D-ATIS DEP 132.375 RCO 122.35 122.2 122.1R 113.6T (CLEVELAND RADIO)

R APP CON 124.0 (Rwy 06R-24L and Rwy 28) 126.55 and Rwy 28 119.625 (Rwy 06L-24R)

(R) DEP CON 118.15 (057°-236°) 128.25 (237°-056°) 125.85

TOWER 120.9 (Rwv 06R-24L and Rwv 10-28) 124.5 135.225 (Rwv 06L-24R) GND CON 121.7 (Rwy 06R-24L and Rwy 10-28) 133.6 (Rwy 06L-24R)

AIRSPACE: CLASS B: See VER Terminal Area Chart

RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

CINC DEL 125 05

DRYER (H) VOR/DME 113.6 DJB Chan 83 N41°21.48′ W82°09.72′ 082° 14.2 NM to fld. 780/5W.

ILS/DME 109.9 I-HPI Chan 36

Rwv 24L. Class IE. Chan 56 ILS/DME 111.9 I-CLE Rwy 06R. Class IE.

PRE-TAXI CLNC 125.05 RAMP CTL 129.17

ILS/DME 110.7 I-PXP Chan 44 Rwv 28.

ILS/DME 111.55 I-LIZ Chan 52Y Rwy 06L. CLASS IIIE. **ILS/DME** 111.55 I-PVY Chan 52Y Rwy 24R. Class IIIE. COMM/NAV/WEATHER REMARKS: Freq 121.5 not avbl at ESS

H-10G, L-30G IAP. AD

HIWAS.

DETROIT

CI

Rwy 10-28: 6017 X 150 Rwy 6L-24R: 9000 X 150 (Å)

HIRI

(RNAV) **DEPARTURE**

EC-2, 23 SEP 2010 to 21 OCT 2010

ATIS DEP 32.375 ZOTE: NOTE:

SL-84 (FAA)

TWO DEPARTURE

09183 **AMRST** WATERVILLE TRANSITION (AMRST2.VWV). From over AMRST INT via VWV R-115 to VWV VOR/DME. Multiple Signs beginning 1237' from DER, 717' left of centerline, up to 68' AGL/857' MSL. Light Pole 1746' from DER, 786' right of centerline, 53' AGL/842' MSL. Tower 4157' or assigned altitude for vectors to intercept the DJB VOR/DME R-265 to AMRST INT then via TAKE-OFF RUNWAYS 6L, 6R, 10, 24R, 24L, 28: Climb via assigned heading to 5000 thence. . . . CARLETON TRANSITION (AMRST2.CRL): From over AMRST INT via CRL R-159 to CRL VORTAC. (Transition). Expect filed altitude/flight level ten (10) minutes after departure. DEPARTURE ROUTE DESCRIPTION TAKE-OFF OBSTACLES:

EC-2, 23 SEP 2010 to 21 OCT 2010

rom DER, 1456' right of centerline, 137' AGL/922' MSL.

beginning 1046′ from DER, 105′ left of centerline, up to 60′ AGL/819′ MSL. Tower 2640′ from DER, 946′ right of centerline, 80′ AGL/840′ MSL. Vehicle on road 304' from DER, 3' left of centerline, 14' AGL/773' MSL. Antenna on ouilding 308' from DER, 240' left of centerline, 13' AGL/775' MSL. Multiple Trees

Multiple Trees and Poles beginning 1903' from DER, 5' left of centerline, up to 89' AGL/849' MSL. Fower 2565' from DER, 1028' right of centerline, 191' AGL/870' MSL. Multiple Trees beginning 3653' from DER, 857' left of centerline, up to 103' AGL/870' MSL. DRYER 109.2 SKY **∷:=**_ Chan 29 SANDUSKY Rwy 24R: Rwy 24L: 7000 - 339° (531 113.1 VWV :::≣

WATERVILLE

W83°38.32′

L-28, H-10

N41°27.09′

Chan 78

NOTE: RADAR REQUIRED NOTE: Chart not to scale. 5000 5000 N41°18.68′ W82°30.59′ N41°21.48′ W82°09.72′ 265° № HUDDZ (91)--30, H-10

CLEVELAND-HOPKINS INTL (CLE)

CLEVELAND, OHIC

EC-2, 23 SEP 2010 to 21 OCT 2010

38

W82°59.33′ 141°14.70′ AMRST

CLEVELAND DEP CON 128.25 346.325 132.375 ATIS DEP **DEPARTURE**

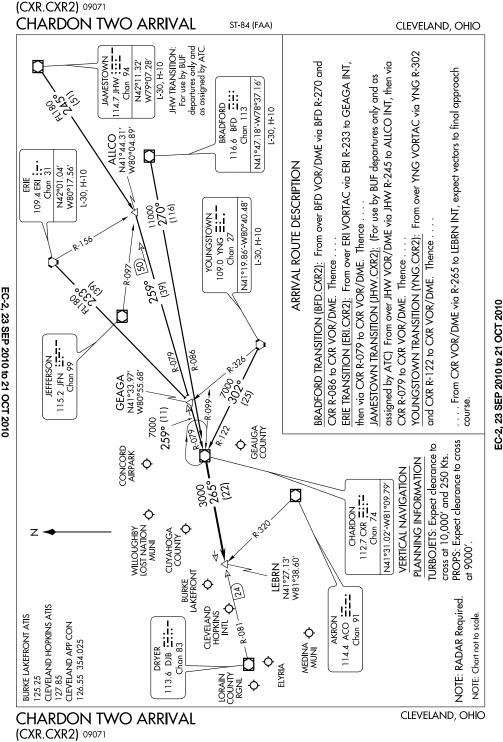
CARLETON Chan 104

AKE-OFF MINIMUMS: Rwys 6L, 6R, 10, 24R, 24L, 28: STANDARD. Rwy 10:

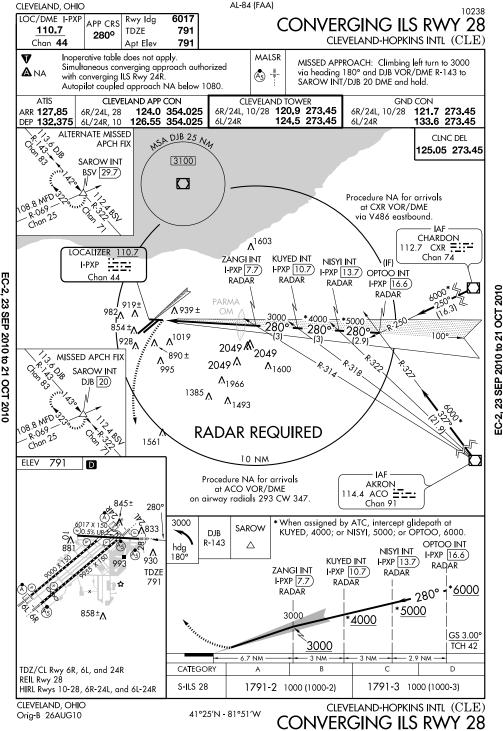
N42°02.88′-W83°27.46′ 115.7 CRL ::::

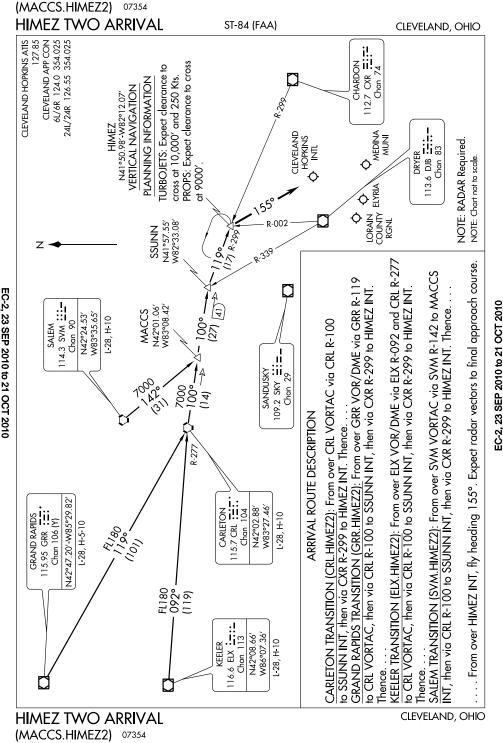
L-28, H-10

Rwy 28:



23 SEP 2010 to 21 OCT 2010





HOT SPOTS

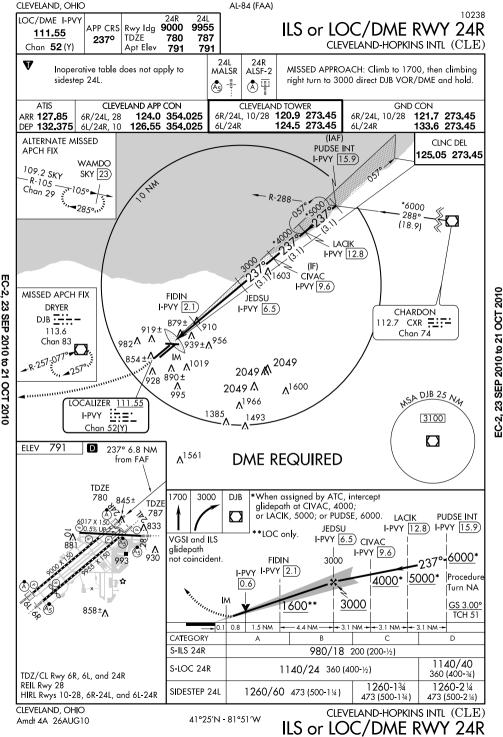
An "airport surface hot spot" is a location on an aerodrome movement area with a history or potential risk of collision or runway incursion, and where heightened attention by pilots/drivers is necessary.

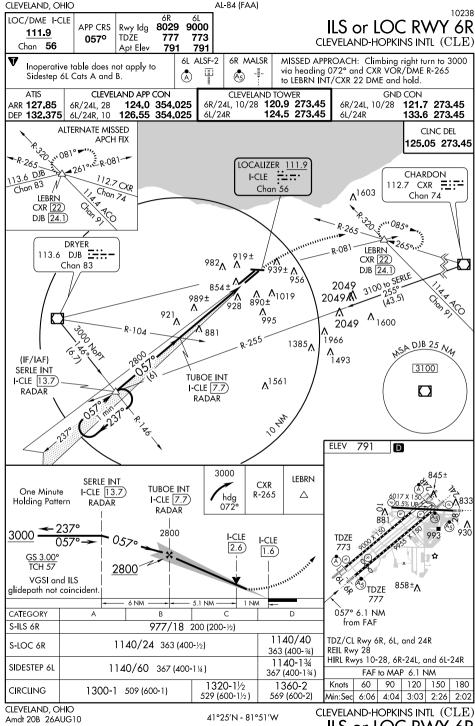
A "hot spot" is a runway safety related problem area on an airport that presents increased risk during surface operations. Typically it is a complex or confusing taxiway/taxiway or taxiway/runway intersection. The area of increased risk has either a history of or potential for runway incursions or surface incidents, due to a variety of causes, such as but not limited to: airport layout, traffic flow, airport marking, signage and lighting, situational awareness, and training. Hot spots are depicted on airport diagrams as open circles or polygons designated as "HS 1", "HS 2", etc. and tabulated in the list below with a brief description of each hot spot. Hot spots will remain charted on airport diagrams until such time the increased risk has been reduced or eliminated.

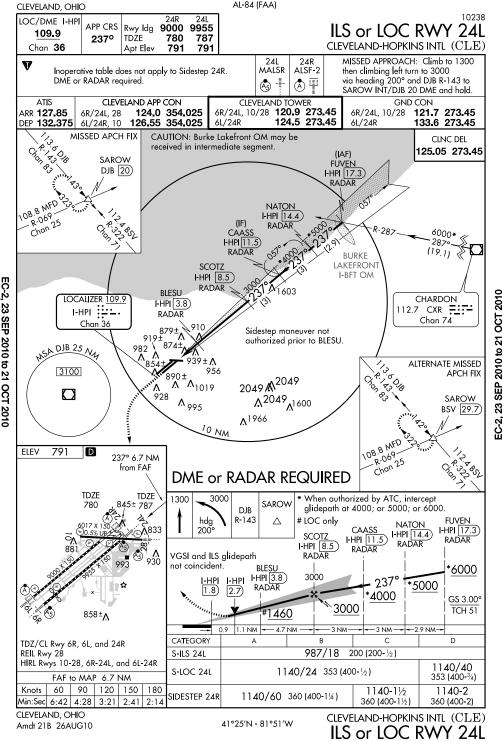
increased risk has been reduced or eliminated.		
CITY/AIRPORT	HOT SPOT	DESCRIPTION*
AKRON, OH		
AKRON-CANTON RGNL (CAK)	HS 1 HS 2	ILS hold short line proximity to transient parking ramp. Rwy 01-19 and Rwy 05-23 hold short line on Twy C east of Rwy 01-19.
	HS 3	Hold short lines on Twy K between Rwy 01-19 and Rwy 05-23 are nearly co-located.
CINCINNATI, OH CINCINNATI MUNI		
AIRPORT-LUNKEN FIELD (LUK)	HS 1	Twy C and Rwy 03L apch area.
AIRPORT-LUNKEN FIELD (LUK)	HS 2	, ,
		Twy A and Rwy 21R.
	HS 3	Departing acft on Rwy 21L can expect to hold short of Rwy 25 on Twy A.
	HS 4	Terminal ramp and Rwy 07, need ATC authorization to depart terminal ramp area.
CLEVELAND, OH		·
CLEVELAND-HOPKINS		
INTL (CLE)	HS 1	Complex int of Rwy 06R-24L and Twy S, Twy L.
2 (322)	HS 2	Complex int of Rwy 06R-24L and Twy R, Twy L.
COLUMBUS, OH		
OHIO STATE UNIVERSITY (OSU)	HS 1	When holding short of Rwy 09R, aircraft must clear Rwy 05 hold short line on Twy A, west of Rwy 05.
	HS 2	Rwy 05 hold short line close proximity to west ramp on Twy A.
	HS 3	Wrong rwy departure risk: Rwy 32 is not visible from hold short lines on Twy D.
	HS 4	Successive hold short lines on Twy A east of Twy D define Rwy 32 apch zone.
COLUMBUS, OH		
PORT COLUMBUS INTL (CMH)	HS 1	Full length departures for Rwy 28L expect Twy F.
	HS 2	Complex rwy/twy int.
	HS 3	Area not visible from the twr.
EVANSVILLE, IN		
EVANSVILLE RGNL (EVV)	HS 1	Pilots taxiing to Rwy 09 enter the rwy mid-field.
	HS 2	Rwy 27 and Twy A.
	HS 3	Rwy 18-36 in close proximity to General Aviation Ramp.
	HS 4	Rwy 18-36 in close proximity to General Aviation Ramp.
YOUNGSTOWN-WARREN, OH YOUNGSTOWN-WARREN		
RGNL (YNG)	HS 1	Rwy 23 hold short line on Twy H southeast of Rwy 23.
,	HS 2	Complex Twy K-Twy F int.

23 SEP 2010 to 21 OCT 2010

^{*}See appropriate A/FD, Alaska or Pacific Supplement HOT SPOT table for additional information.

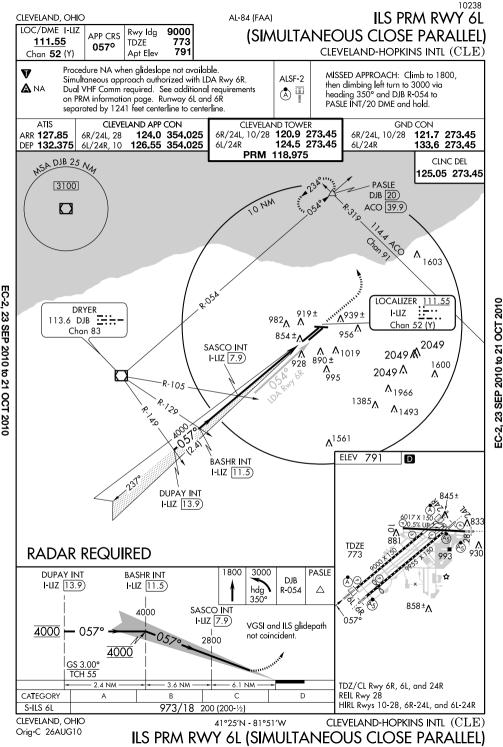






EC.2,

23 SEP 2010 to 21 OCT 2010



(SIMULTANEOUS CLOSE PARALLEL)

ATTENTION ALL USERS OF ILS PRECISION RUNWAY MONITOR (PRM)

Special pilot training required. Pilots who are unable to participate, or dispatchers on their behalf, must contact the FAA Command Center prior to departure (1-800-333-4286 or 703-904-4452) to obtain an arrival reservation. Non-participating pilots enroute to CLE as an alternate, or trained pilots that are unexpectedly unable to participate due to in-flight circumstances will be afforded appropriate arrival services as operational conditions permit and shall notify the Cleveland ARTCC as soon as practical, but at least 100 miles from CLE.

Condensed Briefing Point:

When instructed, immediately switch to the tower frequency and select the monitor frequency audio.

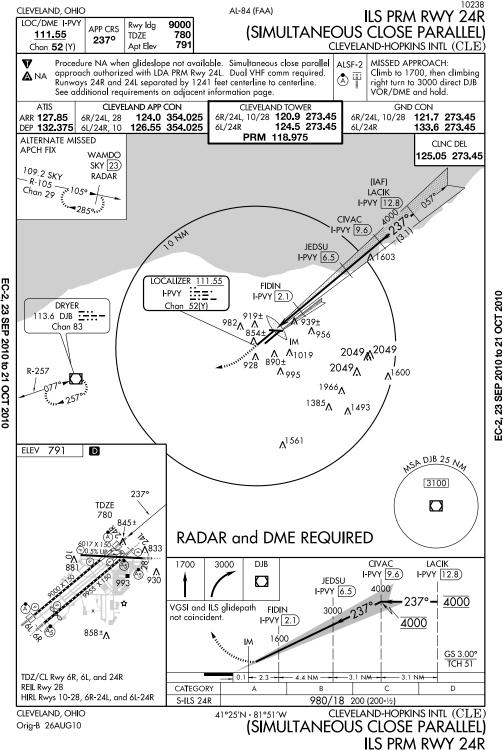
- 1. ATIS. When the ATIS broadcast advises that simultaneous ILS/PRM and LDA/PRM approaches are in progress, pilots should brief to fly the ILS/PRM approach. If later advised to expect an ILS approach, the ILS PRM chart may be used after completing the following briefing items:
 - (a) Minimums and missed approach procedures are unchanged.
 - (b) Monitor frequency no longer required.
 - (c) A lower glideslope intercept altitude may be assigned when advised to expect ILS 6L approach.

Simultaneous parallel approaches will only be offered/conducted when the weather is at least 1,200 feet (ceiling), and 3 miles (visibility).

2. Dual VHF Communication required. To avoid blocked transmissions, each runway will have two frequencies, a primary and a monitor frequency. The tower controller will transmit

on both frequencies. The Monitor controller's transmissions, if needed, will override both frequencies. Pilots will ONLY transmit on the tower controller's frequency, but will listen to both

- frequencies. Select the monitor frequency audio only when instructed by ATC to contact the tower. The volume levels should be set about the same on both radios so that the pilots will be able to hear transmissions on at least one frequency if the other is blocked. 3. All "Breakouts" are to be hand flown to assure that the maneuver is accomplished in
- the shortest amount of time. Pilots, when directed by ATC to break off an approach, must assume that an aircraft is blundering toward their course and a breakout must be initiated immediately.
- (a) ATC Directed "Breakouts:" ATC directed breakouts will consist of a turn and a climb or descent. Pilots must always initiate the breakout in response to an air traffic controller instruction. Controllers will give a descending breakout only when there are no other reasonable options available, but in no case will the descent be below minimum vectoring altitude (MVA) which provides at least 1,000 feet required obstuction clearance. The applicable MVA is 2,700 feet at CLE.
 - (b) Phraseology "TRAFFIC ALERT:" If an aircraft enters the "NO TRANSGRESSION ZONE (NTZ)," the controller will breakout the threatened aircraft on the adjacent approach. The phraseology for the breakout will be:
 - "TRAFFIC ALERT, (aircraft call sign) TURN (left/right) IMMEDIATELY, HEADING (degrees), CLIMB/DESCEND AND MAINTAIN (altitude)".
- LDA TRAFFIC: While conducting this ILS/PRM approach to Runway 6L, other aircraft may be conducting the Offset LDA/PRM approach to Runway 6R. These aircraft will approach from the right-rear and will re-align with 6R after making visual contact with the ILS traffic.



EC-2, 23 SEP 2010 to 21 OCT 2010

09323

(SIMULTANEOUS CLOSE PARALLEL)

ATTENTION ALL USERS OF ILS PRECISION RUNWAY MONITOR (PRM)

Condensed Briefing Point:

- When instructed, immediately switch to the tower frequency and select the monitor frequency audio.
- 1. ATIS. When the ATIS broadcast advises that simultaneous ILS/PRM 24R and LDA/PRM 24L approaches are in progress, pilots should brief to fly the ILS/PRM 24R approach. If later advised to expect an ILS 24R approach, the ILS PRM 24R chart may be used after completing the following briefing items:
 - a. Minimums and missed approach procedures are unchanged.
 - b. Monitor frequency no longer required.
 - c. A lower glideslope intercept altitude may be assigned when advised to expect ILS 24R approach.

Simultaneous parallel approaches will only be offered/conducted when the weather is at least 1,200 feet (ceiling), and 3 miles (visibility).

- 2. Dual VHF Communication required. To avoid blocked transmissions, each runway will have two frequencies, a primary and a monitor frequency. The tower controller will transmit on both frequencies. The Monitor controller's transmissions, if needed, will override both frequencies. Pilots will ONLY transmit on the tower controller's frequency, but will listen to both frequencies. Select the monitor frequency audio only when instructed by ATC to contact the tower. The volume levels should be set about the same on both radios so that the pilots will be
- 3. All "Breakouts" are to be hand flown to assure that the maneuver is accomplished in the shortest amount of time. Pilots, when directed by ATC to break off an approach, must assume that an aircraft is blundering toward their course and a breakout must be initiated immediately.

able to hear transmissions on at least one frequency if the other is blocked.

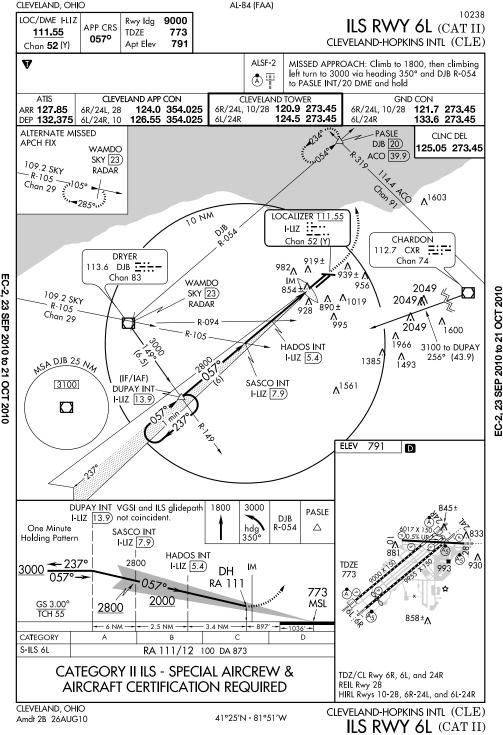
- (a) ATC Directed "Breakouts:" ATC directed breakouts will consist of a turn and a climb or descent. Pilots must always initiate the breakout in response to an air traffic controller instruction. Controllers will give a descending breakout only when there are no other reasonable options available, but in no case will the descent be below minimum vectoring altitude (MVA) which provides at least 1,000 feet required obstuction clearance.
- (b) Phraseology "TRAFFIC ALERT:" If an aircraft enters the "NO TRANSGRESSION ZONE (NTZ)," the controller will breakout the threatened aircraft on the adjacent approach. The phraseology for the breakout will be:
- "TRAFFIC ALERT, (aircraft call sign) TURN (left/right) IMMEDIATELY, HEADING (degrees), CLIMB/DESCEND AND MAINTAIN (altitude)".

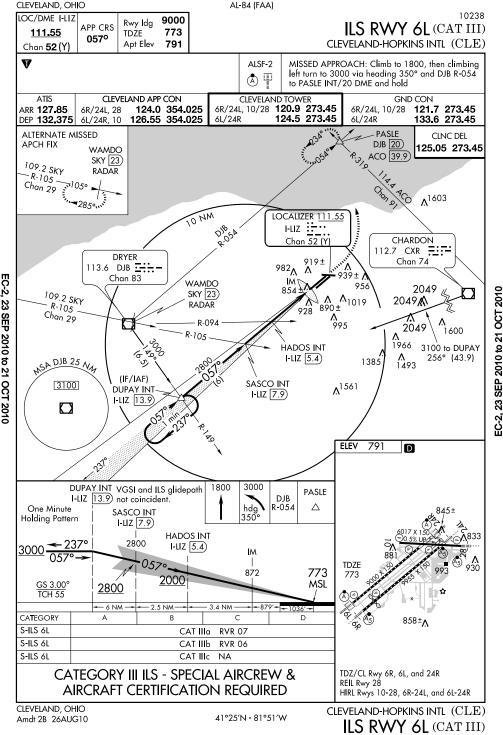
The applicable MVA is 2,600 feet at CLE.

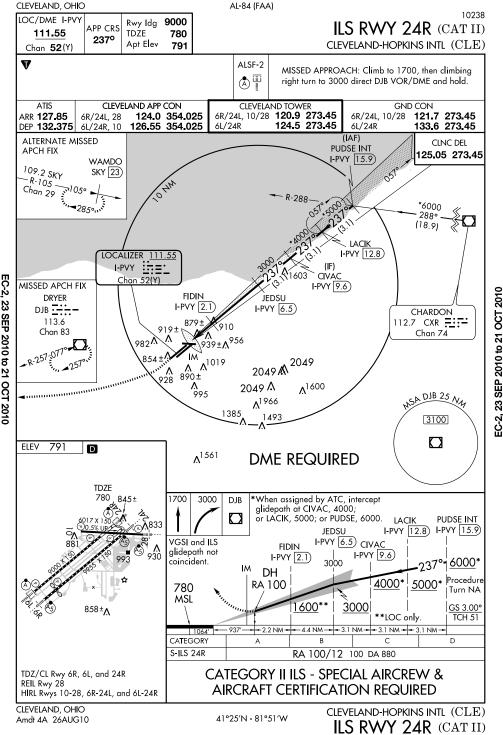
- 4. LDA Traffic: While conducting this ILS/PRM 24R approach, other aircraft may be conducting the Offset LDA/PRM 24L approach. These aircraft will approach from the left-rear and will re-align with 24L after making visual contact with the ILS traffic.
- Glide Slope Navigation: Descent on the glide slope meets any published crossing restriction.

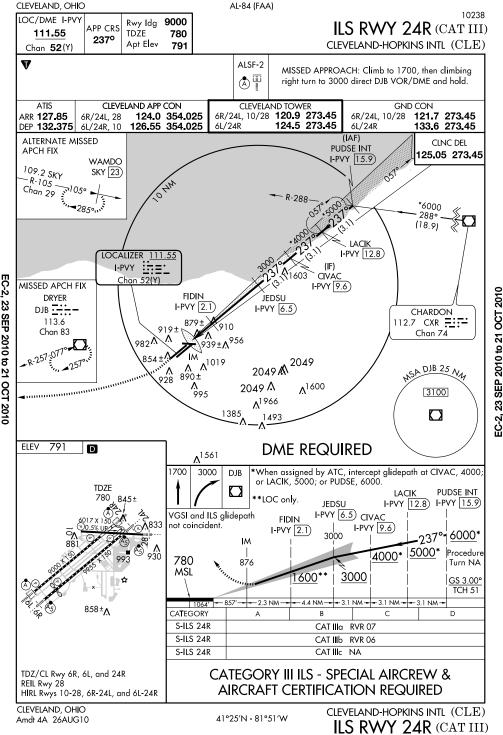
Special pilot training required. Pilots who are unable to participate, or dispatchers on their behalf, must contact the FAA Command Center prior to departure (1-800-333-4286 or 703-904-4452) to obtain an arrival reservation. Non-participating pilots enroute to CLE as an alternate, or trained pilots that are unexpectedly unable to participate due to in-flight circumstances will be afforded appropriate arrival services as operational conditions permit and shall notify the Cleveland ARTCC as soon as practical, but at least 100 miles from CLE.

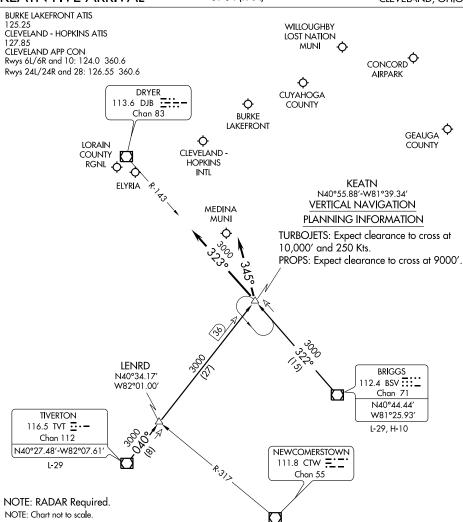
(SIMULTANEOUS CLOSE PARALLEL) 41°25'N - 81°51'W CLEVELAND, OHIO CLEVELAND-HOPKINS INTL (CLE) ILS PRM RWY 24R Orig-A 19NOV09











ARRIVAL ROUTE DESCRIPTION

BRIGGS TRANSITION (BSV.KEATN5): From over BSV VOR/DME via BSV R-322 to KEATN INT.

TIVERTON TRANSITION (TVT.KEATN5): From over TVT VOR/DME via TVT R-040 to KEATN INT.

Thence. . . .

EC-2, 23 SEP 2010 to 21 OCT 2010

LANDING CLE RWY 24L/R and 28: Depart KEATN INT heading 345°. Expect radar vectors to

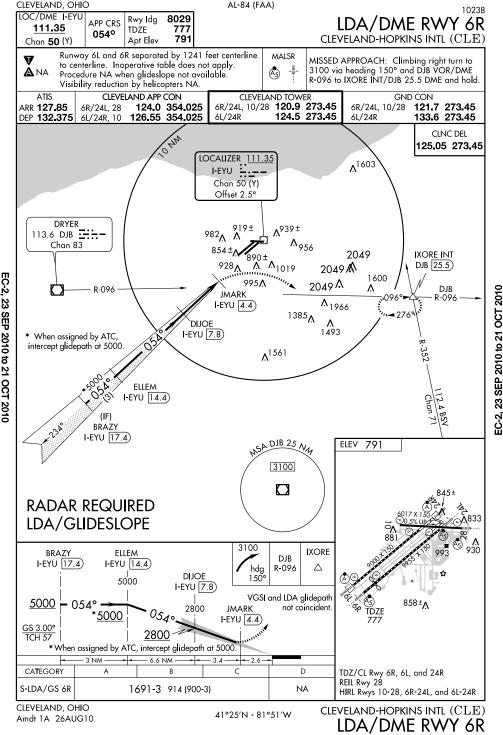
final approach course. LANDING CLE RWY 6L/R and 10:Depart KEATN INT via DJB R-143 to DJB VOR/DME.

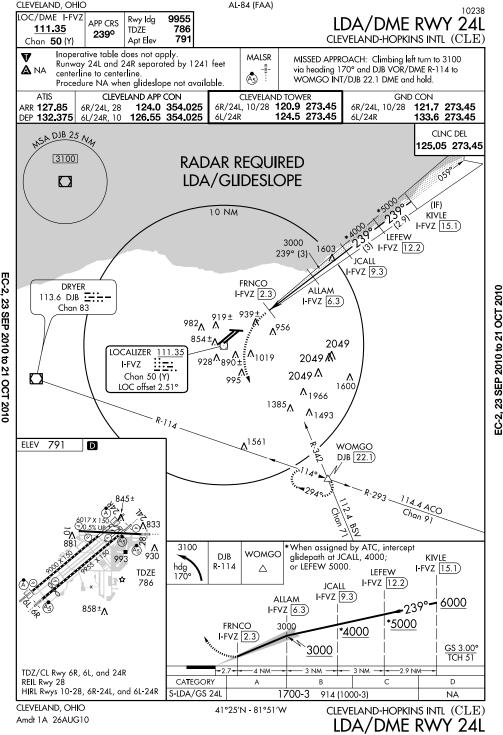
Expect radar vectors to final approach course.

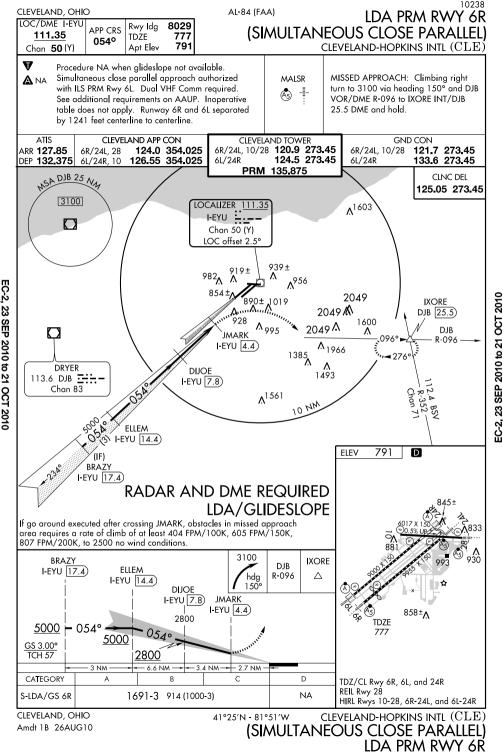
LANDING ALL OTHER AIRPORTS: From KEATN INT expect radar vectors to final approach course.

KEATN FIVE ARRIVAL (KEATN.KEATN5) 10266

CLEVELAND, OHIO







Α)

CLEVELAND-HOPKINS INTL (CLE)
CLEVELAND, OHIO

09323

EC-2, 23 SEP 2010 to 21 OCT 2010

EC-2, 23 SEP 2010 to 21 OCT 2010

(SIMULTANEOUS CLOSE PARALLEL)

ATTENTION ALL USERS OF LDA PRECISION RUNWAY MONITOR (PRM)

Special pilot training required. Pilots who are unable to participate, or dispatchers on their behalf, must contact the FAA Command Center prior to departure (1-800-333-4286 or 703-904-4452) to obtain an arrival reservation. Non-participating pilots enroute to CLE as an alternate, or trained pilots that are unexpectedly unable to participate due to in-flight circumstances will be afforded appropriate arrival services as operational conditions permit and shall notify the Cleveland ARTCC as soon as practical, but at least 100 miles from CLE.

Condensed Briefing Points:

and 3 miles (visibility).

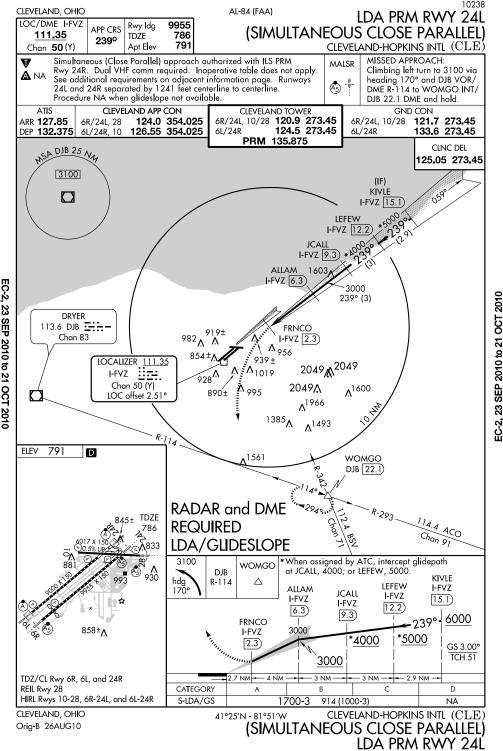
turn as soon as practical.

- -- When instructed, immediately switch to the tower frequency and select the monitor frequency audio.
- -- Report the ILS traffic in sight <u>as soon as practical and prior to JMARK.</u> DO NOT PASS. -- <u>Remain on the LDA</u> until passing the LDA MAP so as not to penetrate the NTZ.
- 1. **ATIS.** When the ATIS broadcast advises that simultaneous ILS PRM and LDA PRM approaches are in progress, pilots should brief to fly the LDA PRM approach. If later advised to expect an LDA DME approach, the LDA/PRM chart may be used after completing the following briefing items:
 - (a) Minimums and missed approach procedures are unchanged.
 - (b) Monitor frequency no longer required.
 - (c) Lower LDA intercept altitudes may be assigned when advised to expect LDA DME 6R approach.

 Simultaneous parallel approaches will only be offered/conducted when the weather is at least 1,200 feet (ceiling),
- 2. Dual VHF Communication required. To avoid blocked transmissions, each runway will have two frequencies, a primary and a monitor frequency. The tower controller will transmit on both frequencies. The Monitor controller's transmissions, if needed, will override both frequencies. Pilots will ONLY transmit on the tower controller's frequency, but will listen to both frequencies. Select the monitor frequency audio only when instructed by ATC to contact the tower. The volume levels should be set about the same on both radios so that the pilots will be able to hear transmissions on at least one frequency if the other is blocked. If executing a missed approach at JMARK, begin the
- 3. All "Breakouts" are to be hand flown to assure that the maneuver is accomplished in the shortest amount of time. Pilots, when directed by ATC to break off an approach, must assume that an aircraft is blundering toward their course and a breakout must be initiated immediately.
 - (a) ATC Directed "Breakouts:" ATC directed breakouts will consist of a turn and a climb or descent. Pilots must always initiate the breakout in response to an air traffic controller instruction. Controllers will give a descending breakout only when there are no other reasonable options available, but in no case will the descent be below minimum vectoring altitude (MVA) which provides at least 1,000 feet required obstuction clearance. The applicable MVA is 2,700 feet at CLE.
 - (b) Phraseology "TRAFFIC ALERT:" If an aircraft enters the "NO TRANSGRESSION ZONE (NTZ)," the controller will breakout the threatened aircraft on the adjacent approach. The phraseology for the breakout will be:
 - "TRAFFIC ALERT, (aircraft call sign) TURN (left/right) IMMEDIATELY, HEADING (degrees), CLIMB/DESCEND
- 4. CLE LDA Visual Segment. If advised that there is traffic on the 6L ILS, pilots may continue past the LDA MAP if:
 - a) the ILS traffic is in sight and is expected to remain in sight.
 - ATC has been advised that "traffic is in sight." (ATC is not required to acknowledge this transmission)
 - c) the runway environment is in sight.

AND MAINTAIN (altitude)".

Otherwise, execute a missed approach at the LDA MAP. Between the LDA MAP and the runway threshold, pilots are responsible for separating themselves visually from the traffic on the ILS approach, which means maneuvering the aircraft as necessary to avoid the ILS traffic until landing (do not pass), and providing wake turbulence avoidance, if applicable. If visual contact with the ILS traffic is lost, advise ATC as soon as practical and execute the published missed approach unless otherwise instructed by ATC.



09351

EC-2, 23 SEP 2010 to 21 OCT 2010

(SIMULTANEOUS CLOSE PARALLEL)

ATTENTION ALL USERS PAGE (AAUP)

Condensed Briefing Points:

the turn as soon as practical.

EC-2, 23 SEP 2010 to 21 OCT 2010

- . When instructed, immediately switch to tower frequency and select the monitor frequency audio.
- . Report the ILS traffic in sight as soon as practical and prior to FRNCO. DO NOT PASS.
- Remain on the LDA until passing the LDA MAP so as not to penetrate the NTZ.
- 1. ATIS. When the ATIS broadcast advises that simultaneous ILS PRM and LDA PRM approaches are in progress, pilots should brief to fly the LDA PRM approach. If later advised to expect an LDA DME approach, the LDA/PRM chart may be used after completing the following briefing items:
 - a. Minimums and missed approach procedures are unchanged.
 - b. Monitor frequency no longer required.

toward their course and a breakout must be initiated immediately.

c. Lower LDA intercept altitudes may be assigned when advised to expect LDA DME 24L approach.

Simultaneous parallel approaches will only be offered/conducted when the weather is at least 1,200 feet (ceiling), and 3 miles (visibility).

2. Dual VHF Communication required. To avoid blocked transmissions, each runway will have two frequencies, a primary and a monitor frequency. The tower controller will transmit on both frequencies. The Monitor controller's transmissions, if needed, will override both frequencies. Pilots will ONLY transmit on the tower controller's frequency, but will listen to both frequencies. Select the monitor frequency audio only when instructed by ATC to contact the tower. The volume levels should be set about the same on both radios so that the pilots will be able to hear transmissions on at least one frequency if the other is blocked. If executing a missed approach at FRNCO, begin

- 3. All "Breakouts" are to be hand flown to assure that the maneuver is accomplished in the shortest amount of time. Pilots, when directed by ATC to break off an approach, must assume that an aircraft is blundering
 - (a) ATC Directed "Breakouts:" ATC directed breakouts will consist of a turn and a climb or descent. Pilots must always initiate the breakout in response to an air traffic controller instruction. Controllers will give a descending breakout only when there are no other reasonable options available, but in no case will the descent be below minimum vectoring altitude (MVA) which provides at least 1,000 feet required obstruction clearance. The applicable MVA is 2,700 feet at CLE.
 - (b) Phraseology "TRAFFIC ALERT:" If an aircraft enters the "NO TRANSGRESSION ZONE (NTZ)," the controller will breakout the threatened aircraft on the adjacent approach. The phraseology for the breakout will be:

"TRAFFIC ALERT, (aircraft call sign) TURN (left/right) IMMEDIATELY, HEADING (degrees), CLIMB/DESCEND

- 4. Glide Slope Navigation: Descending on the glide slope ensures compliance with any charted crossing restrictions.
- 5. CLE LDA Visual Segment: If advised that there is traffic on the 24R ILS, pilots may continue past the LDA MAP if:

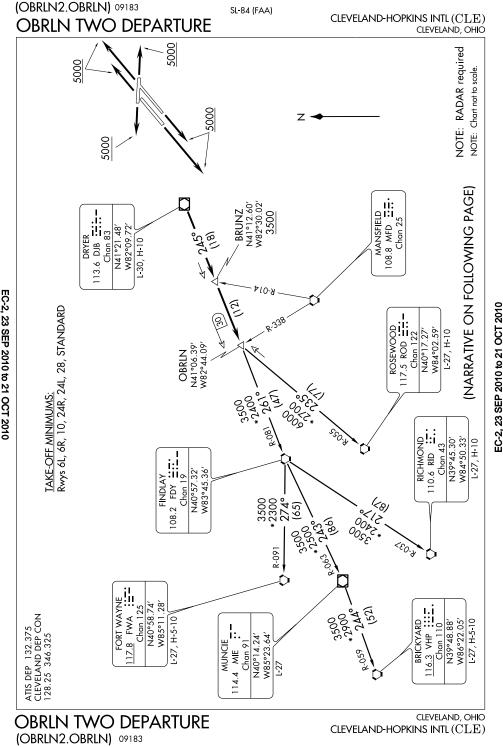
 - a) the ILS traffic is in sight and is expected to remain in sight,
 - b) ATC has been advised that "traffic is in sight." (ATC is not required to acknowledge this transmission)

Otherwise, execute a missed approach at the LDA MAP. Between the LDA MAP and the runway threshold, pilots are responsible for separating themselves visually from the traffic on the ILS approach, which means maneuvering the aircraft as necessary to avoid the ILS traffic until landing (do not pass), and providing wake turbulence avoidance, if applicable. If visual contact with the ILS traffic is lost, advise ATC as soon as practical and execute the published missed approach unless otherwise instructed by ATC.

Special pilot training required. Pilots who are unable to participate, or dispatchers on their behalf, must contact the FAA Command Center prior to departure (1-800-333-4286 or 703-904-4452) to obtain an arrival reservation. Non-participating pilots enroute to CLE as an alternate, or trained pilots that are unexpectedly unable to participate due to inflight circumstances will be afforded appropriate arrival services as operational conditions permit and shall notify the Cleveland ARTCC as soon as practical, but at least 100 miles from CLE.

AND MAINTAIN (altitude)".

c) the runway environment is in sight.



V

OBRLN TWO DEPARTURE

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAY 6L, 6R, 10, 24R, 24L, 28: Climb via assigned heading to 5000 thence. . .

. . . . or assigned altitude for vectors to intercept DJB VOR/DME R-245, cross BRUNZ INT at or above 3500 then proceed to OBRLN INT then via (transition). Expect filed altitude/flight level ten (10) minutes after departure.

BRICKYARD TRANSITION (OBRLN2.VHP): From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-243 and MIE R-063 to MIE VOR/DME, then via MIE R-244 and VHP R-059 to VHP VORTAC.

FORT WAYNE TRANSITION (OBRLN2.FWA): (For use by Fort Wayne arrivals only and ATC use as assigned.) From over OBRLN INT via FDY R-081 to FDY VORTAC, then via

FDY R-274 and FWA R-091 to FWA VORTAC.

MUNCIE TRANSITION (OBRLN2.MIE): (For use by Indianapolis arrivals only and ATC use as assigned). From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-243 and MIE R-063 to MIE VOR/DME.

RICHMOND TRANSITION (OBRLN2.RID): From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-217 and RID R-037 to RID VORTAC. ROSEWOOD TRANSITION (OBRLN2.ROD): (For use at or below FL220 only and ATC use as assigned). From over OBRLN INT via ROD R-055 to ROD VORTAC.

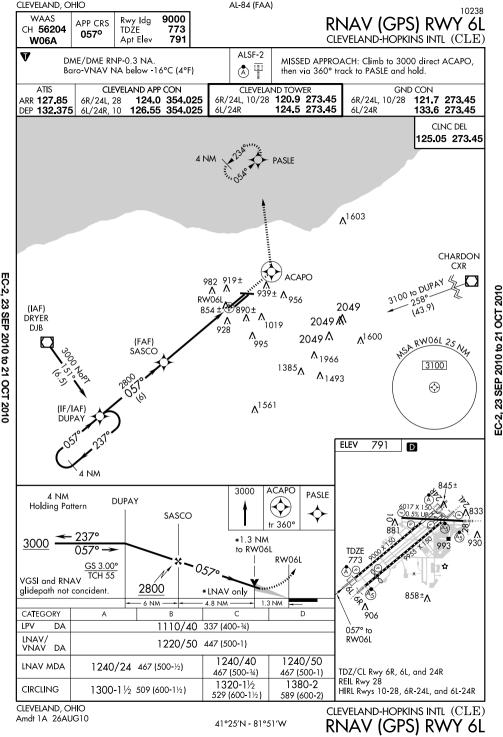
TAKE-OFF OBSTACLES:

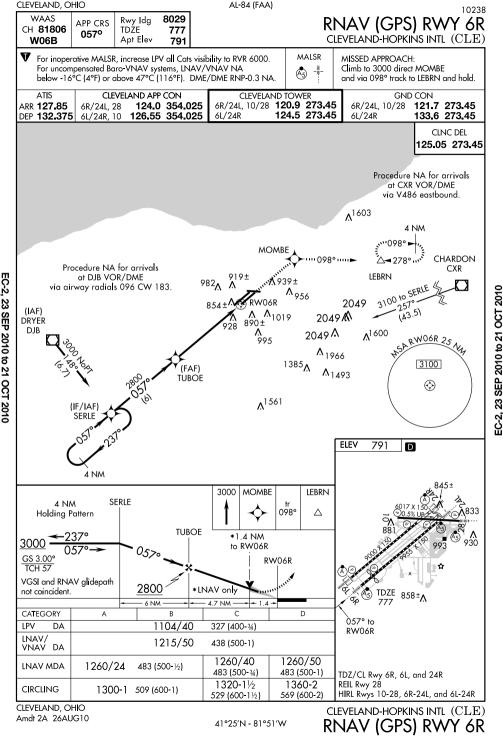
Rwy 10: Multiple Signs beginning 1237' from DER, 717' left of centerline, up to 68' AGL/857' MSL. Light Pole 1746' from DER, 786' right of centerline, 53' AGL/842' MSL. Tower 4157' from DER, 1456' right of centerline, 137' AGL/922' MSL.

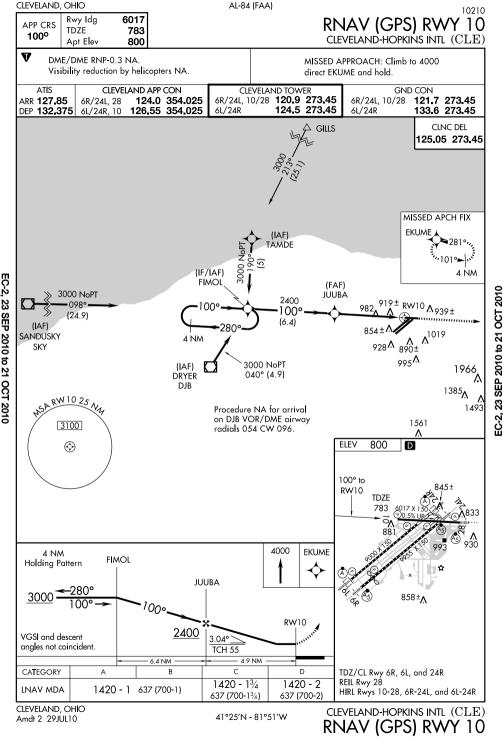
Rwy 28: Vehicle on road 304' from DER, 3' left of centerline, 14' AGL/773' MSL. Antenna on building 308' from DER, 240' left of centerline, 13' AGL/775' MSL. Multiple Trees beginning 1046' from DER, 105' left of centerline, up to 60' AGL/819' MSL. Tower 2640' from DER, 946' right of centerline, 80' AGL/840' MSL.

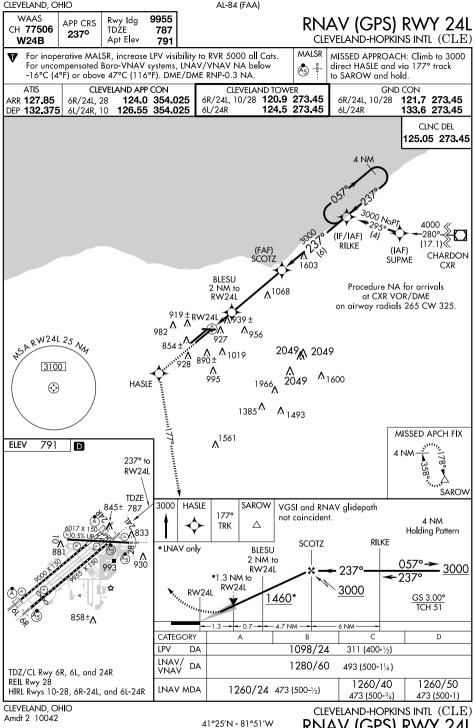
Rwy 24R: Tower 2565' from DER, 1028' right of centerline, 191' AGL/870' MSL. Multiple Trees beginning 3653' from DER, 857' left of centerline, up to 103' AGL/870' MSL.

Multiple Trees and Poles beginning 1903' from DER, 5' left of centerline, Rwy 24L: up to 89' AGL/849' MSL.

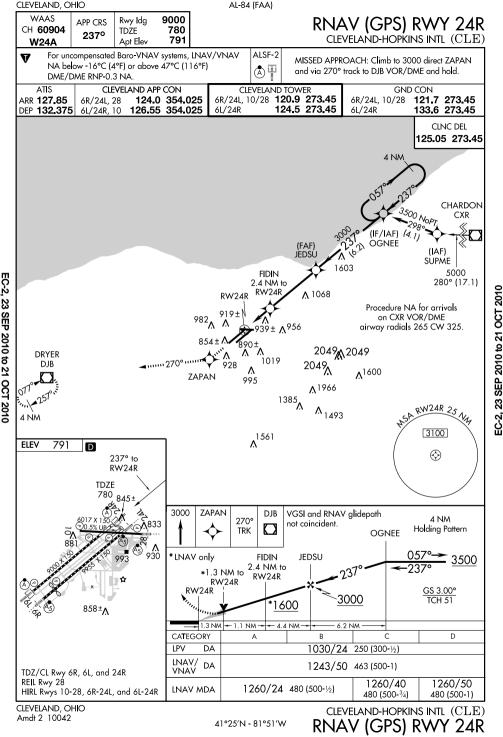


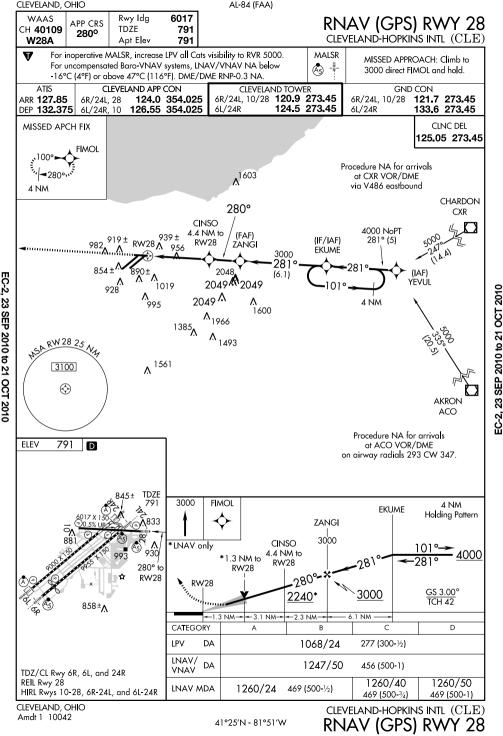






23 SEP 2010 to 21 OCT 2010





CLEVELAND-HOPKINS INTL (CLE)CLEVELAND, OHIC NOTE: Chart not to scale. SKY VOR/DME. Expect filed altitude/flight level ten (10) minutes after departure. CARLETON TRANSITION (SKY2.CRL): From over SKY VOR/DME via SKY R-292 TAKE-OFF RUNWAYS 6L, 6R, 10, 24R, 24L, 28: Climb via assigned heading . . . or assigned altitude for vectors to intercept the DJB VOR/DME R-287 to 113.6 DJB -----L-30, H-10 W82°09.72′ N41°21.48′ Multiple Trees and Poles beginning 1903' from DER, 5' left of centerline, up to 89' AGL/849' MSL. Chan 83 DRYER Tower 4157' from DER, 1456' right of centerline, 137' AGL/922' MSL. Tower 2565' from DER, 1028' right of centerline, 191' AGL/870' MSL. Multiple Trees Vehicle on road 304' from DER, 3' left of centerline, 14' AGL/773' MSL. Antenna on ouilding 308' from DER, 240' left of centerline, 13' AGL/775' MSL. Multiple Trees DEPARTURE ROUTE DESCRIPTION EC-2, 23 SEP 2010 to 21 OCT 2010 beginning 3653' from DER, 857' left of centerline, up to 103' AGL/870' MSL. beginning 1046′ from DER, 105′ left of centerline, up to 60′ AGL/819′ MSL to FILUP INT, then via CRL R-160 to CRL VORTAC

109.2 SKY **Ξ**Ξ=_

W83°11.14′ N41°33.99′ FILUP

3400

SANDUSKY Chan 29 N41°26.07′ W82°39.29'

DEPARTURE (SKY2.SKY)

L-28, H-10 N42°02.89′ W83°27.46′

to 5000, thence

115.7 CRL ===:

CARLETON Chan 104

Rwy 10:

TAKE-OFF OBSTACLES:

Rwys 6L, 6R, 10, 24R, 24L, 28, STANDARD.

TAKE-OFF MINIMUMS:

09183

CLEVELAND, OHIC CLEVELAND-HOPKINS INTL (CLE)

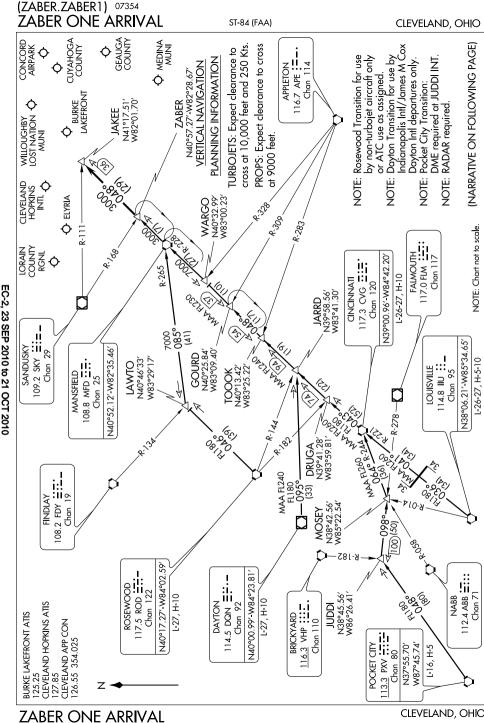
68' AGL/857' MŠL. Light Pole 1746' from DER, 786' right of centerline, Multiple Signs beginning 1237' from DER, 717' left of centerline, up to

53' AGL/842' MSL.

Rwy 28:

Tower 2640' from DER, 946' right of centerline, 80' AGL/840' MSL

Rwy 24R: Rwy 24L:



ARRIVAL ROUTE DESCRIPTION

CINCINNATI TRANSITION (CVG.ZABER1): From over CVG VORTAC via CVG R-043 to TOOOK INT, then via MFD R-228 to MFD VORTAC, then via MFD R-048 to ZABER INT.

Thence

EC-2, 23 SEP 2010 to 21 OCT 2010

DAYTON TRANSITION (DQN.ZABER1): (For use by INDIANAPOLIS INTL/JAMES M COX DAYTON INTL departures only). From over DQN VOR/DME via DQN R-095 to JARRD INT, then via CVG R-043 to TOOOK INT, then via MFD R-228 to MFD VORTAC, then via

MFD R-048 to ZABER INT. Thence. . . .

LOUISVILLE TRANSITION (IIU.ZABER1): From over IIU VORTAC via IIU R-036 and CVG R-221 to CVG VORTAC, then via CVG R-043 to TOOOK INT, then via MFD R-228 to

MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . . POCKET CITY TRANSITION (PXV.ZABER1): (DME REQUIRED at JUDDI INT) From over

PXV VORTAC via PXV R-048 to JUDDI INT, then via FLM R-278 to MOSEY INT, then via

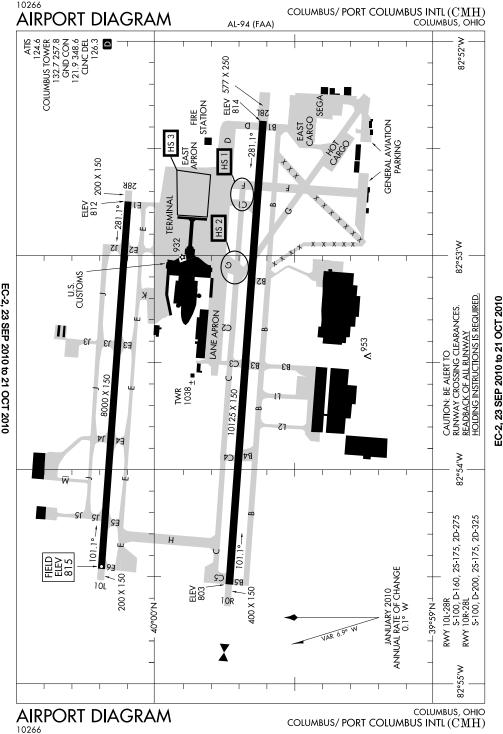
CVG R-244 to CVG VORTAC, then via CVG R-043 to TOOOK INT, then via MFD R-228 to MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . .

ROSEWOOD TRANSITION (ROD.ZABER1): (For use by non-turbo aircraft only or ATC use

as assigned). From over ROD VORTAC via ROD R-046 to LAWTO INT, then via MFD R-265

to MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . .

. . . . From over ZABER INT via MFD R-048 to JAKEE INT. Expect radar vectors to final approach course.



OHIO

228

PORT COLUMBUS INTL (CMH) 6 E UTC-5(-4DT) N39°59.88′ W82°53.51′ **S4** FUEL 100. JET A1 + OX 3. 4 LRA Class I. ARFF Index C NOTAM FILE CMH

CINCINNATI

IAP. AD

H-10G. L-29A

8000 X 150

10125 X 15

RWY 10R-28L: H10125X150 (ASPH-GRVD) S-100, D-200, 2S-175, 2D-325 HIRL RWY 10R: MALSR, PAPI(P4R)-GA 3.0° TCH 72'

RWY 28L: MALSR.

RWY 10L-28R: H8000X150 (ASPH-GRVD) S-100, D-160. 2S-175.

2D-275 HIRI RWY 10L: MALSR, PAPI(P4L)-GA 3.0° TCH 51'

RWY 28R: MALSR, PAPI(P4R)—GA 3.0° TCH 50'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 10L: TORA-8000 TODA-8000 ASDA-8000 LDA-8000

RWY 10R: TORA-10125 TODA-10125 ASDA-10125 LDA-10125 RWY 28L: TORA-10125 TODA-10125 ASDA-10125 LDA-10125 RWY 28R: TORA-8000 TODA-8000 ASDA-8000 LDA-8000

AIRPORT REMARKS: Attended continuously, Birds invof arpt, PAEW adjacent all rwys and twys. Model acft tfc within a 1 NM radius of a point 8 NM on a 010° bearing from the arpt; surface-5000 ft

AGL: SR-SS daily. Be alert: Rwy 10L/28R restrictions on Stage I. and II turbojet acft 0300-1300Z‡ and on Stage III turbojet acft 0300-1200Z‡. Practice apchs for high noise level type acft

including non-Stage III military jet acft shall not be approved unless Rwv 10R/28L is in use and the apch terminates in a full stop taxi-back ops. All surfaces around terminal; N of Twy 'C' and S of Twy 'E' are non-movement areas. Twy B3

Twy B between Twys B4 and B5 restricted to acft with wingspan less than 126'. Twys F and G. S of Twy B. restricted to acft weighing 45,000 lbs or less. Noise barrier located at SE side of airfield restricted to acft with wingspan less than 79'. Ldg fee. Twy F lgts S of Twy 'G' OTS indef. To req ldg rights ctc US Customs between

1230-0300Z Mon-Fri at 614-497-1865, Flight Notification Service (ADCUS) avbl. WEATHER DATA SOURCES: ASOS (614) 338-0561, LLWAS, TDWR.

COMMUNICATIONS: D-ATIS 124.6 UNICOM 122.95 COLUMBUS RCO 122.2 122.3 (DAYTON RADIO)

(R) COLUMBUS APP/DEP CON 119.15 132.3 (100°-279°) 125.95 (280°-099°) 118.2 119.65

COLUMBUS TOWER 132.7 GND CON 121.9 CLNC DEL 126.3

AIRSPACE: CLASS C svc continuous ctc APP CON

RADIO AIDS TO NAVIGATION: NOTAM FILE DAY. APPLETON (H) VORTAC 116.7 APE Chan 114 N40°09.06' W82°35.30' 243° 16.7 NM to fld. 1350/6W.

2AWIH

S of Twy B restricted to acft with wingspan less than 79', C-3 payement (north of Twy C) is 35' wide; restricted to acft 50.000 lbs or less with wing span less than 79'. Twy L1 restricted to acft with wingspan less than 118'. Twy L2 restricted to acft with wingspan less than 118'. Twy J2 restricted to acft with wingspan less than 120'.

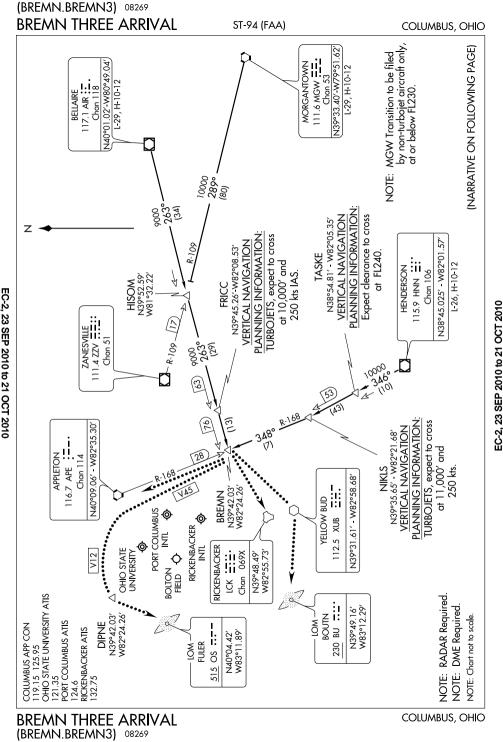
GRENS NDB (MHW) 272 CHC N40°00.61′ W83°01.74′ 102° 6.4 NM to fld. NOTAM FILE CMH. SUMIE NDB (HW/LOM) 391 CM N39°59.17′ W82°45.27′ 281° 6.4 NM to fld. Unmonitored.

I-CBP Chan 28 Rwy 10L. Class IA. LOM GRENS NDB. DME also serves Rwy 28R. ILS/DME 109.1 ILS/DME 108.7 I-CMH Chan 24 Rwy 28L. LOM SUMIE NDB. LOM unmonitored. DME also serves Rwy

10R **ILS/DME** 108.7 Rwv 10R. DME also serves Rwv 28L. I-AOI Chan 24

COMM/NAV/WEATHER REMARKS: ILS/DME Rwv 10L outer marker OTS indef.

ILS/DME 109.1 I-ONB Chan 28 Rwy 28R. DME also serves Rwy 10L. Glide slope unusable for autopilot coupled apchs blo 2023'.



ST-94 (FAA)

COLUMBUS, OHIO

EC-2, 23 SEP 2010 to 21 OCT 2010

EC-2, 23 SEP 2010 to 21 OCT 2010

ARRIVAL ROUTE DESCRIPTION

BELLAIRE TRANSITION (AIR.BREMN3): From over AIR VOR/DME via AIR R-263

to BREMN INT. Thence. . . .

HENDERSON TRANSITION (HNN.BREMN3): From over HNN VOR/DME via HNN R-346 to NIKLS INT, then via APE R-168 to BREMN INT. Thence. . . .

MORGANTOWN TRANSITION (MGW.BREMN3): From over MGW VORTAC via MGW R-289 and ZZV R-109 to HISOM, then via AIR R-263 to BREMN. Thence....

. . . . From over BREMN DME expect radar vectors to final approach course.

LOST COMMUNICATION PROCEDURE:

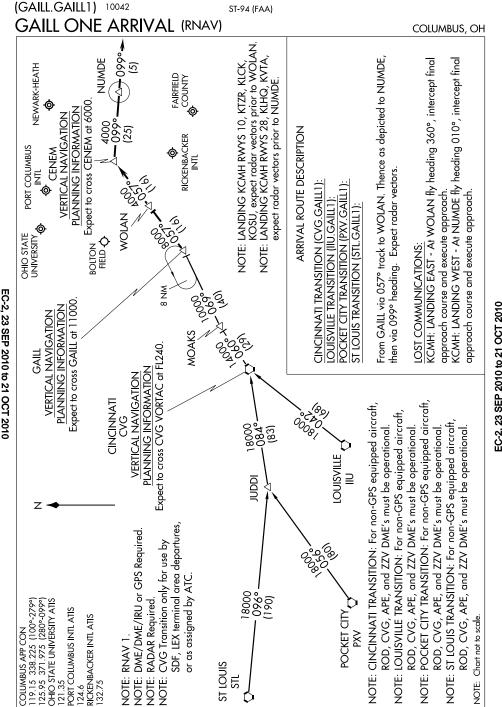
LANDING PORT COLUMBUS INTL: From BREMN INT direct APE VORTAC, maintain 3000

until APE VORTAC. LANDING OHIO STATE UNIVERSITY: From BREMN INT via V45 to APE VORTAC then via

V12 to DIPNE INT then direct FULER (OS) LOM, maintain 3000 until FULER (OS) LOM. LANDING RICKENBACKER INTL: From BREMN INT direct LCK TACAN, maintain 3000

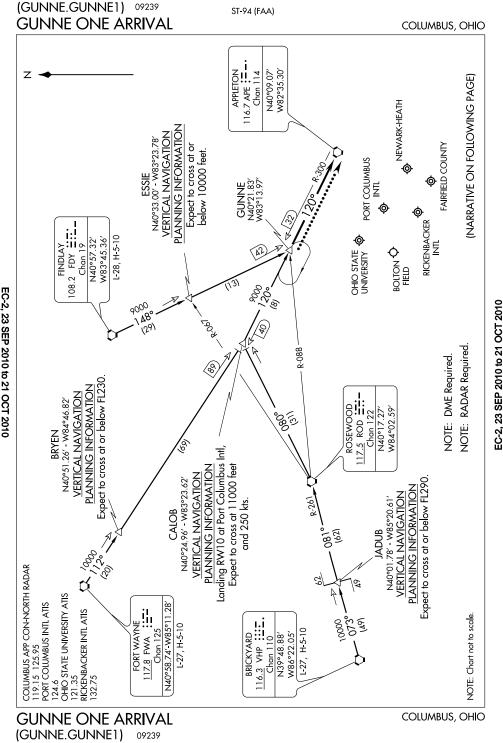
until LCK TACAN. LANDING BOLTON FIELD: From BREMN INT to XUB VOR direct BOUTN (BU) LOM,

Maintain 3000 until BOUTN (BU) LOM.



RRIVAL (RNAV)

COLUMBUS,



ST-94 (FAA)

COLUMBUS, OHIO

ARRIVAL ROUTE DESCRIPTION

BRICKYARD TRANSITION (VHP.GUNNE1): From over VHP VORTAC via VHP R-073 to JADUB INT, then via ROD R-261 to ROD VORTAC, then via

ROD R-080 to CALOB INT, then via APE R-300 to GUNNE INT. Thence. . . .

FINDLEY TRANSITION (FDY.GUNNE1): From over FDY VORTAC via

FDY R-148 to GUNNE INT. Thence. . . . FORT WAYNE TRANSITION (FWA.GUNNE1): From over FWA VORTAC via FWA R-112 to CALOB INT, then via APE R-300 to GUNNE INT. Thence. . . .

. . . . From over GUNNE via heading 120°. Expect radar vectors to final approach course.

LOST COMMUNICATION PROCEDURE:

For all airports - From over GUNNE INT direct APE VORTAC, maintain 4000 and hold.

HOT SPOTS

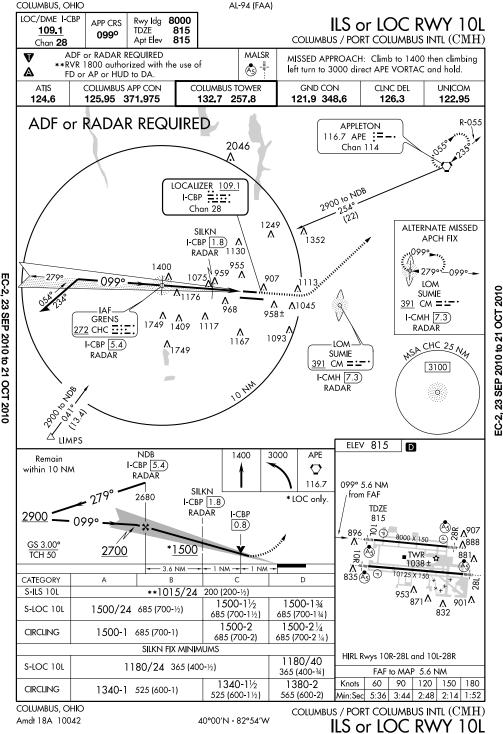
An "airport surface hot spot" is a location on an aerodrome movement area with a history or potential risk of collision or runway incursion, and where heightened attention by pilots/drivers is necessary.

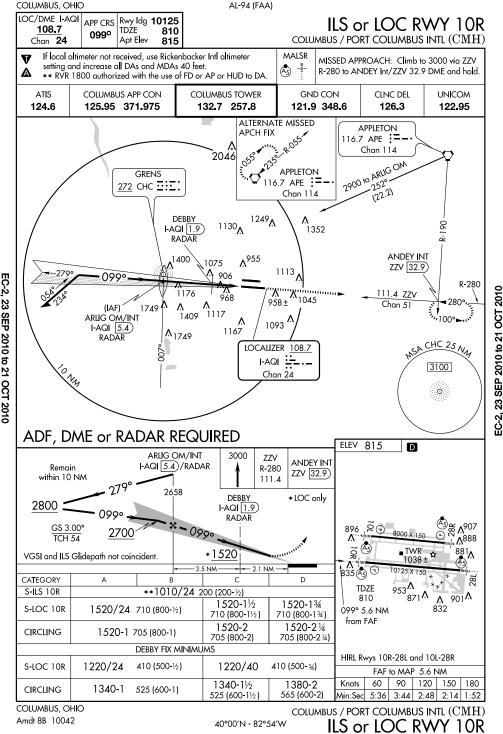
A "hot spot" is a runway safety related problem area on an airport that presents increased risk during surface operations. Typically it is a complex or confusing taxiway/taxiway or taxiway/runway intersection. The area of increased risk has either a history of or potential for runway incursions or surface incidents, due to a variety of causes, such as but not limited to: airport layout, traffic flow, airport marking, signage and lighting, situational awareness, and training. Hot spots are depicted on airport diagrams as open circles or polygons designated as "HS 1", "HS 2", etc. and tabulated in the list below with a brief description of each hot spot. Hot spots will remain charted on airport diagrams until such time the increased risk has been reduced or eliminated.

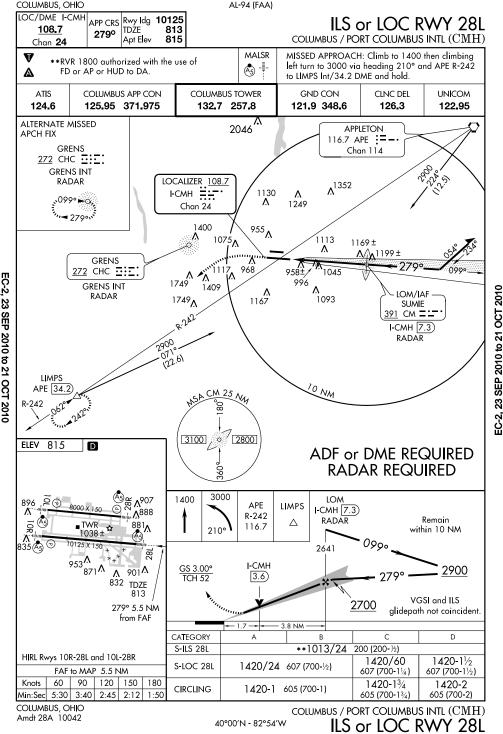
increased risk has been reduced or eliminated.		
CITY/AIRPORT	HOT SPOT	DESCRIPTION*
AKRON, OH		
AKRON-CANTON RGNL (CAK)	HS 1 HS 2	ILS hold short line proximity to transient parking ramp. Rwy 01-19 and Rwy 05-23 hold short line on Twy C east of Rwy 01-19.
	HS 3	Hold short lines on Twy K between Rwy 01-19 and Rwy 05-23 are nearly co-located.
CINCINNATI, OH CINCINNATI MUNI		
AIRPORT-LUNKEN FIELD (LUK)	HS 1	Twy C and Rwy 03L apch area.
AIRPORT-LUNKEN FIELD (LUK)	HS 2	, ,
		Twy A and Rwy 21R.
	HS 3	Departing acft on Rwy 21L can expect to hold short of Rwy 25 on Twy A.
	HS 4	Terminal ramp and Rwy 07, need ATC authorization to depart terminal ramp area.
CLEVELAND, OH		·
CLEVELAND-HOPKINS		
INTL (CLE)	HS 1	Complex int of Rwy 06R-24L and Twy S, Twy L.
2 (322)	HS 2	Complex int of Rwy 06R-24L and Twy R, Twy L.
COLUMBUS, OH		
OHIO STATE UNIVERSITY (OSU)	HS 1	When holding short of Rwy 09R, aircraft must clear Rwy 05 hold short line on Twy A, west of Rwy 05.
	HS 2	Rwy 05 hold short line close proximity to west ramp on Twy A.
	HS 3	Wrong rwy departure risk: Rwy 32 is not visible from hold short lines on Twy D.
	HS 4	Successive hold short lines on Twy A east of Twy D define Rwy 32 apch zone.
COLUMBUS, OH		
PORT COLUMBUS INTL (CMH)	HS 1	Full length departures for Rwy 28L expect Twy F.
	HS 2	Complex rwy/twy int.
	HS 3	Area not visible from the twr.
EVANSVILLE, IN		
EVANSVILLE RGNL (EVV)	HS 1	Pilots taxiing to Rwy 09 enter the rwy mid-field.
	HS 2	Rwy 27 and Twy A.
	HS 3	Rwy 18-36 in close proximity to General Aviation Ramp.
	HS 4	Rwy 18-36 in close proximity to General Aviation Ramp.
YOUNGSTOWN-WARREN, OH YOUNGSTOWN-WARREN		
RGNL (YNG)	HS 1	Rwy 23 hold short line on Twy H southeast of Rwy 23.
,	HS 2	Complex Twy K-Twy F int.

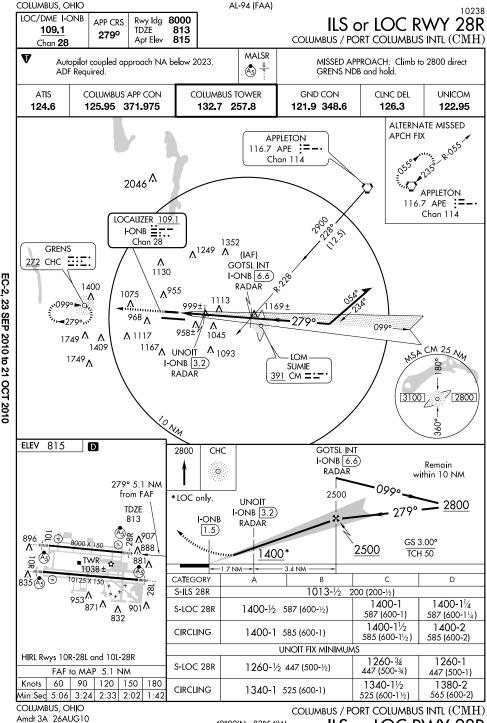
23 SEP 2010 to 21 OCT 2010

^{*}See appropriate A/FD, Alaska or Pacific Supplement HOT SPOT table for additional information.

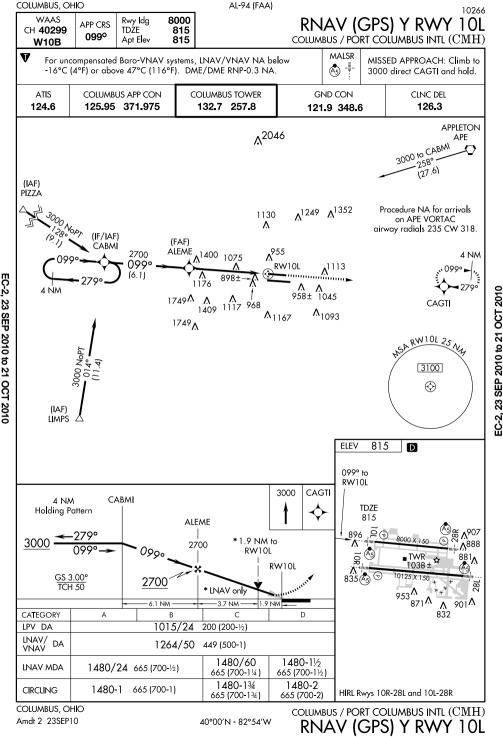


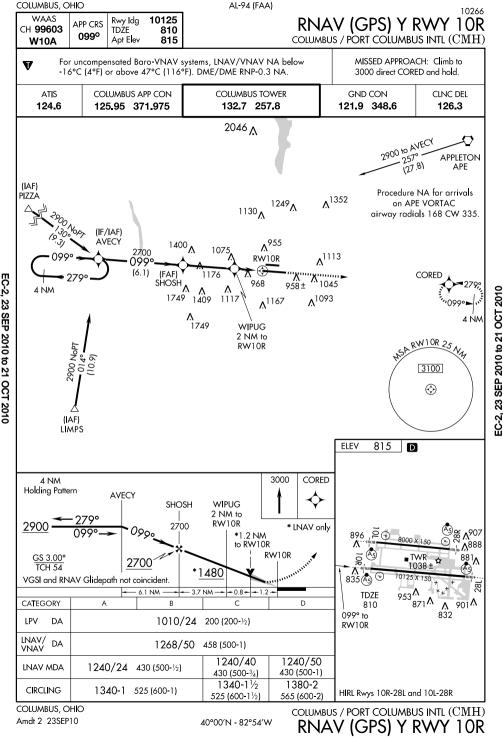


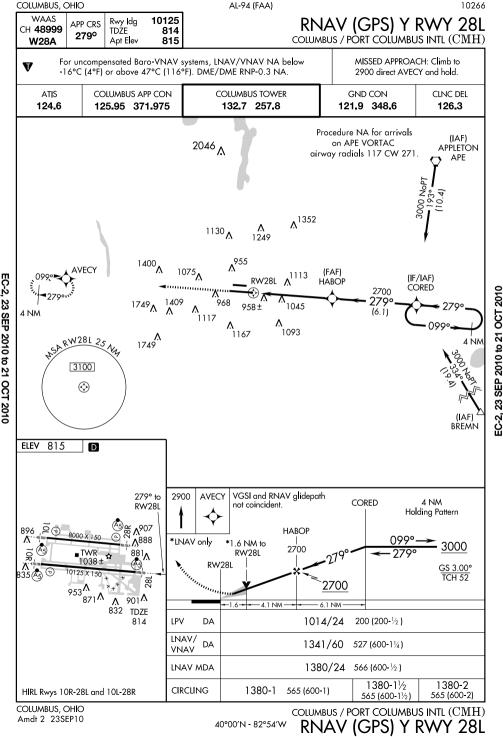


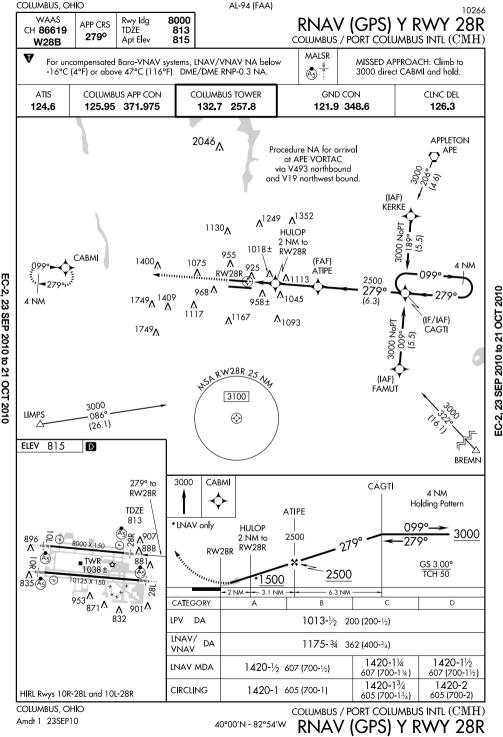


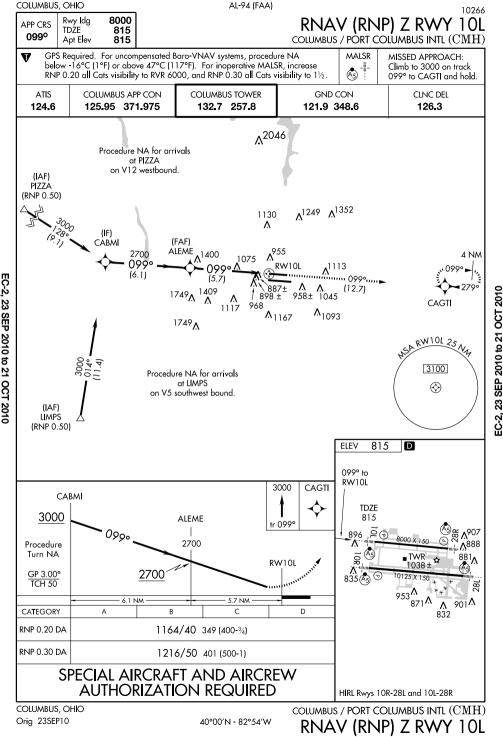
Amdt 3A 26AUG10

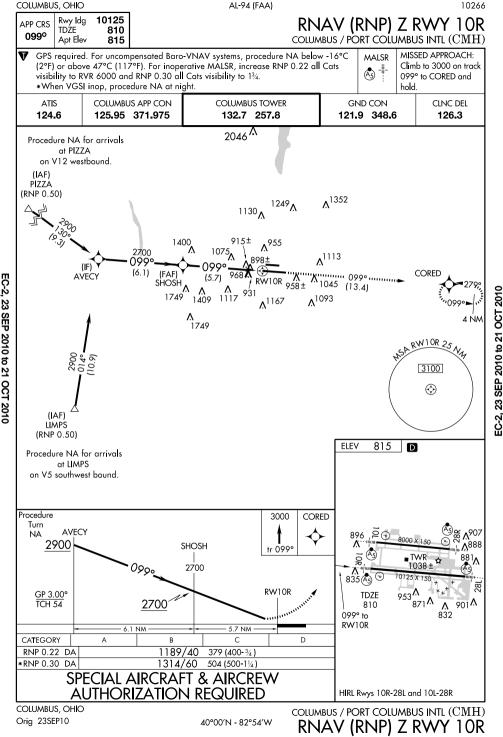


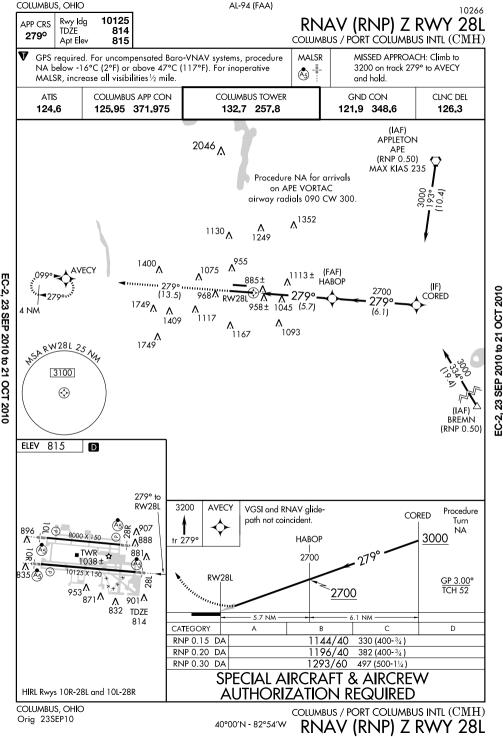


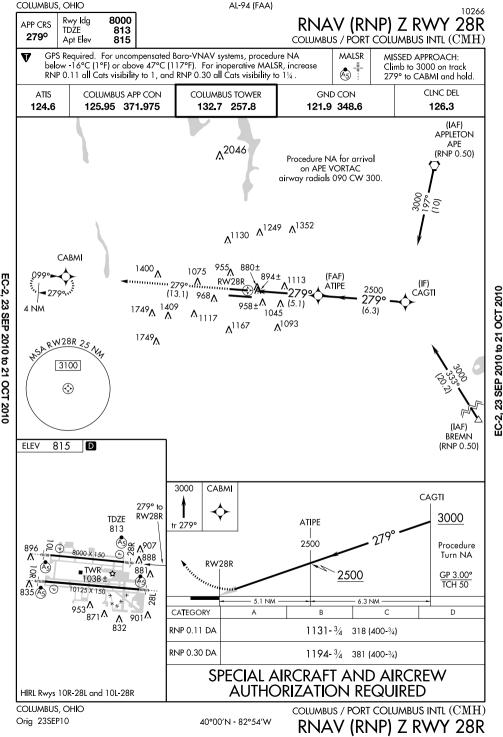


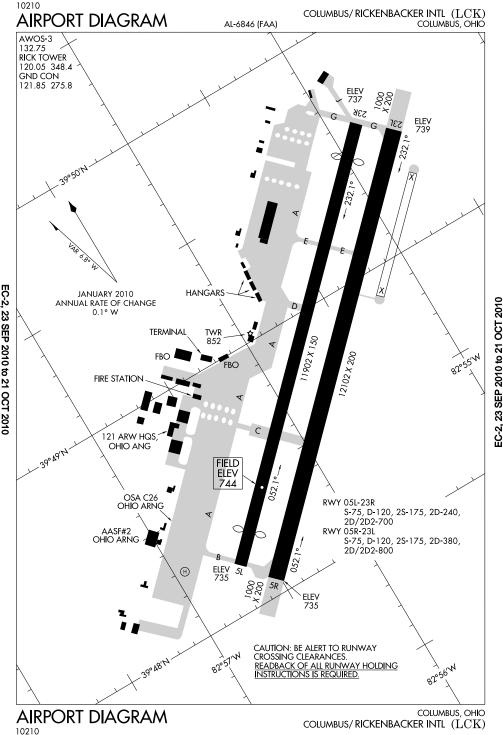












229 UHIU

RICKENBACKER INTL (LCK)(KLCK) CIV/MIL/ANG/ARNG 10 S UTC-5(-4DT) N39°48 83' W82°55 67'

H-10G I-29A IAP. DIAP. AD

CINCINNATI

B S4 FUEL 100LL JET A TPA -See Remarks LRA Class I. ARFF Index A NOTAM EILE LOK RWY 05R-231: H12102X200 (ASPH-CONC-GRVD) S-75 D-120

2S-175, 2D-380, 2D/2D2-800 HIRL CL

RWY 05R: ALSE2 TD71 PAPI(P41)-GA 3 0° TCH 66'

RWY 231: MALSR PAPI(P41)—GA 3 0° TCH 74'

RWY 05L-23R: H11902X150 (ASPH-GRVD) S-75, D-120, 2S-175.

2D-240, 2D/2D2-700 HIRL

RWY 051 - MALSR PAPI(P41)—GA 3 0° TCH 75' Thid depict 898'

RWY 23R: REIL, PAPI(P4L)—GA 3.0° TCH 75', Thid dspicd 989'. MILITARY SERVICE: LGT Boundary Igt avbl. JASU 2(A/M-32A) (MA-1A) FUEL J8(Military) (NC-100LL), A, A+ (Air BP, avbl 3(AM32-95)

Mon-Fri 24 hours, Sat 0500-02007‡, Sun including holidays 0900-0500Z±, 4 hour prior notice required but no PPR

C614-492-9674, after hour fee \$130. FLUID SP PRESAIR LHOX

NII 0-128 TRAN ALERT Ltd svc avbl but no PPR. No ANG tran svc off ANG ramp AIRPORT REMARKS: Attended continuously, General aviation sycs

attended continuously call C614-237-3747 ext 318, or

614-409-4900, Birds on and invof arpt, Twv M clsd indef, Twv J

clsd to group V acft. Noise abatement procedures in effect from 0400-1200Z‡, dep Rwy 23L and 23R winds 10

knots or less; arrivals Rwy 05L and 05R winds 10 knots or less; arpt ops C614-492-2436, PPR for unscheduled Air Carrier ops with more than 30 passenger seats. Rwy 05R-23L has 1000' stopway on both ends: not avbl for ASDA, Rwy 05R-23L PAPI and ILS radar position indicator not coincidental. TPA for lgt acft

weighing 12.500 lbs or less 1400(656). TPA for acft greater than 12.500 lbs 1900(1156). TPA for overhead tfc 2400(1656), Rwy 05R ALSF II unmonitored indef, Rwy 05R-23L PAPI and ILS Runway Point of Intercept not coincidental. To rea Idg rights ctc US Customs between 1230-03007± Mon-Fri at 614-497-1865. MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Remarks. RSTD AMC acft opr restricted during Bird Watch

Conditions Moderate (tkf and ldg permission only when departure/arrival routes avoid identification bird activity. no local IFR/VFR tfc pattern) and Severe (tkf and ldg prohibited without OG/CC approval) ctc Comd Post for current Bird Watch Conditions code. All military acft must RON on 121 ARW or Detachment-21 ramp when space is avbl. All fixed wing military acft requiring parking and/or syc on 121 ARW ramp must have PPR number 48 hr in advance from Base OPS DSN 696-4595, C614-492-4595, Base OPS hr vary, Clsd holidays, CAUTION Bird and

deer hazard. CSTMS/AG/IMG Avbl only with prior coordination. ANG 121 ARW KC-135-R Comd Post DSN 696-4468. Limited tran svc avbl, weekdays 1200-2000Z‡ except holidays. Limited tran fuel/parking, tran aircrew must assist/perform refuel opr. Fuel avbl on ANG ramp on prior request only. Acft support not coordinated by PPR 48

ARNG C-26 OPS 139.3 121 ARW OPS 238.8

hr prior with 121 ARW may not be avbl. ARNG Opr weekdays 1200-2100Z‡ except holidays. No tran svc after 1900Z‡, DSN 346-6411, C614-336-6411. Ctc C-26 OPS prior to entering C-26 ramp park area, 139.3 DSN 346-6473, C614-336-6473,

WEATHER DATA SOURCES: AWOS-3 132.750 (C614) 492-2441.

COMMUNICATIONS: UNICOM 122.95 R COLUMBUS APP/DEP CON 119.15 279.6

RICK TOWER 120.05 348.4 GND CON 121.85 257.8

ANG COMD POST 238.8 (RICK CON) ARNG OPS 142.6 228.8 36.7

(BRUTUS OPS)

RADIO AIDS TO NAVIGATION: NOTAM FILE DAY.

APPLETON (H) VORTAC 116.7

APE Chan 114 N40°09.06' W82°35.30' 224° 25.6 NM to fld. 1350/6W. HIWAS.

(T) TACAN Chan 69 LCK (134.2) N39°48.49′ W82°55.73′ at fld. 732/5W. NOTAM FILE LCK. No NOTAM MP Wed 1300-1500Z±.

TACAN azimuth unusable: 290°-300° blo 4.000° 130°-170° bvd 18 NM blo 5.000'

TACAN azimuth and DME unusable: 075°-130° byd 12 NM blo 5,000′

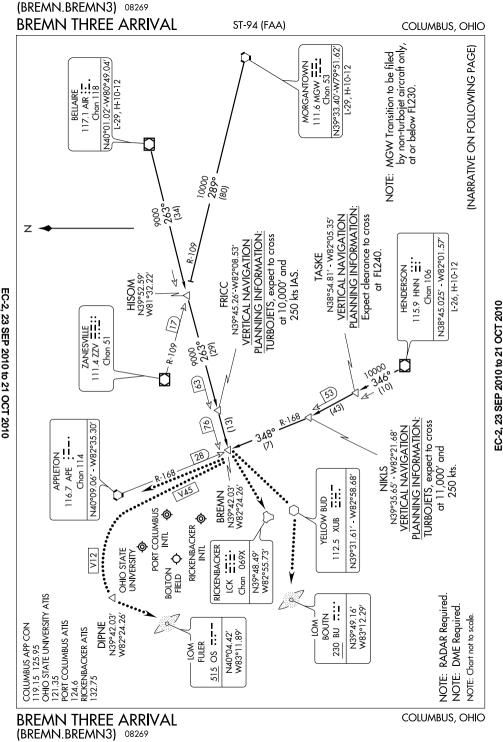
075°-170° blo 3.000' COBBS NDB (LOM) 253 DD N39°44.58′ W83°01.22′ 050° 6.0 NM to fld.

PICKL NDB (LOM) 376 LC N39°52.86′ W82°50.17′ 231° 5.9 NM to fld.

ILS/DME 110.1 I-DDV

Chan 38 Rwy 05R. Class IIE. LOM COBBS NDB, No NOTAM MP Mon, Tue 1300-1700Z‡. ILS 110.1 I-LCK Rwy 23L. Class IE. LOM PICKL NDB. MM OTS indef. No NOTAM MP Mon, Tue

1300-1700Z±. ILS/DME 110.55 I-FOS Chan 42Y Rwy 05L. Class IE. COMM/NAV/WEATHER REMARKS: Ctc ground control for clearance prior to push back onto Twy A from cargo ramp 2.



ST-94 (FAA)

COLUMBUS, OHIO

ARRIVAL ROUTE DESCRIPTION

BELLAIRE TRANSITION (AIR.BREMN3): From over AIR VOR/DME via AIR R-263 to BREMN INT. Thence. . . .

HENDERSON TRANSITION (HNN.BREMN3): From over HNN VOR/DME via HNN

R-346 to NIKLS INT, then via APE R-168 to BREMN INT. Thence. . . .

MORGANTOWN TRANSITION (MGW.BREMN3): From over MGW VORTAC via MGW R-289 and ZZV R-109 to HISOM, then via AIR R-263 to BREMN. Thence....

. . . . From over BREMN DME expect radar vectors to final approach course.

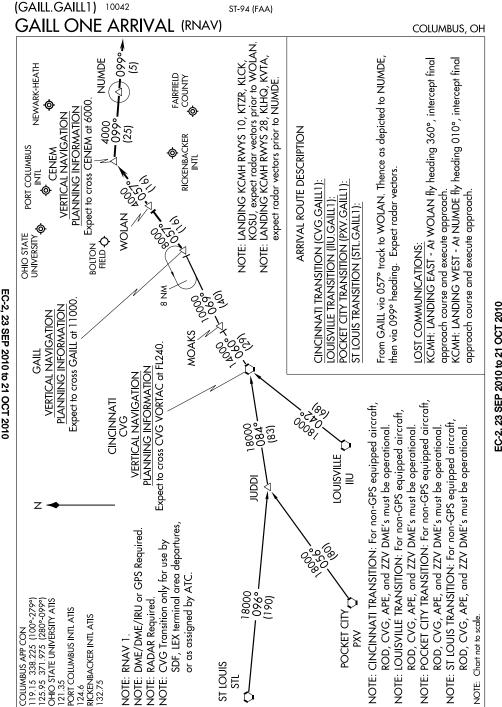
LOST COMMUNICATION PROCEDURE:

LANDING PORT COLUMBUS INTL: From BREMN INT direct APE VORTAC, maintain 3000 until APE VORTAC.

LANDING OHIO STATE UNIVERSITY: From BREMN INT via V45 to APE VORTAC then via

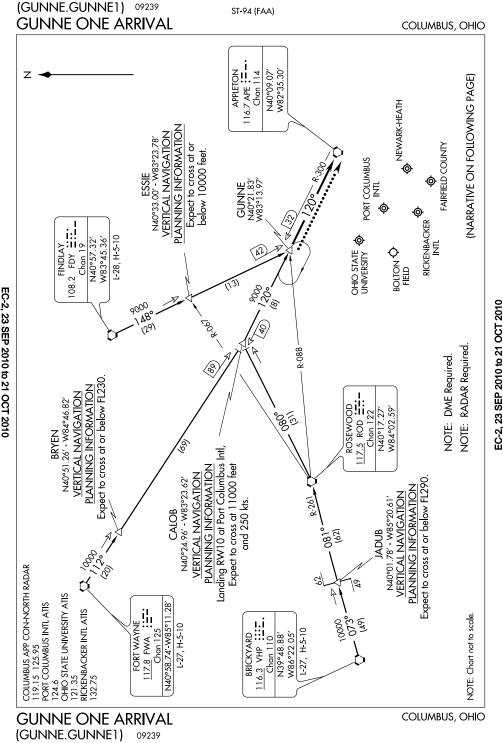
V12 to DIPNE INT then direct FULER (OS) LOM, maintain 3000 until FULER (OS) LOM. LANDING RICKENBACKER INTL: From BREMN INT direct LCK TACAN, maintain 3000 until LCK TACAN.

LANDING BOLTON FIELD: From BREMN INT to XUB VOR direct BOUTN (BU) LOM, Maintain 3000 until BOUTN (BU) LOM.



RRIVAL (RNAV)

COLUMBUS,



ST-94 (FAA)

COLUMBUS, OHIO

EC-2, 23 SEP 2010 to 21 OCT 2010

ARRIVAL ROUTE DESCRIPTION

BRICKYARD TRANSITION (VHP.GUNNE1): From over VHP VORTAC via VHP R-073 to JADUB INT, then via ROD R-261 to ROD VORTAC, then via

ROD R-080 to CALOB INT, then via APE R-300 to GUNNE INT. Thence. . . .

FINDLEY TRANSITION (FDY.GUNNE1): From over FDY VORTAC via

FDY R-148 to GUNNE INT. Thence. . . .

FORT WAYNE TRANSITION (FWA.GUNNE1): From over FWA VORTAC via FWA R-112 to CALOB INT, then via APE R-300 to GUNNE INT. Thence. . . .

. . . . From over GUNNE via heading 120°. Expect radar vectors to final approach course.

LOST COMMUNICATION PROCEDURE:

For all airports - From over GUNNE INT direct APE VORTAC, maintain 4000 and hold.

COLUMBUS, OHIO

39°49′N-82°56′W CQ

COLUMBUS/RICKENBACKER INTL (KLCK)

EC-2, 23 SEP 2010 to 21 OCT 2010

1220/40 481 (500-3/) 1220/50 481(500-1) 1220/60481(500-1/4)

1260-2

1340 - 2

596 (600-2)

517

(600-2)

1420-21/4

676 (700-21/4)

CIRCLING * * COLUMBUS, OHIO 1260-11/2

1260-11/2

516 (600-11/2)

517 (600-1½)

COLUMBUS/RICKENBACKER INTL

FAF to MAP 4.9 NM

TDZL/CL Rwy 5R

120 140 160 180 200

2:27 2:06 1:50 1:38 1:28

Knots

Min:Sec

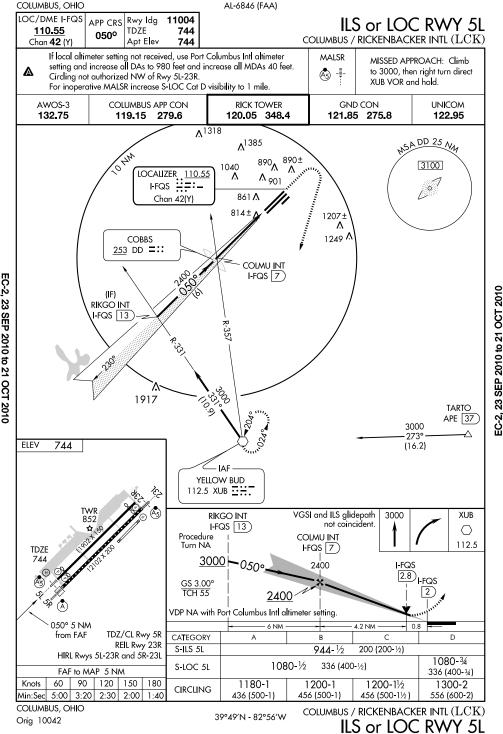
23 SEP 2010 to 21 OCT 2010

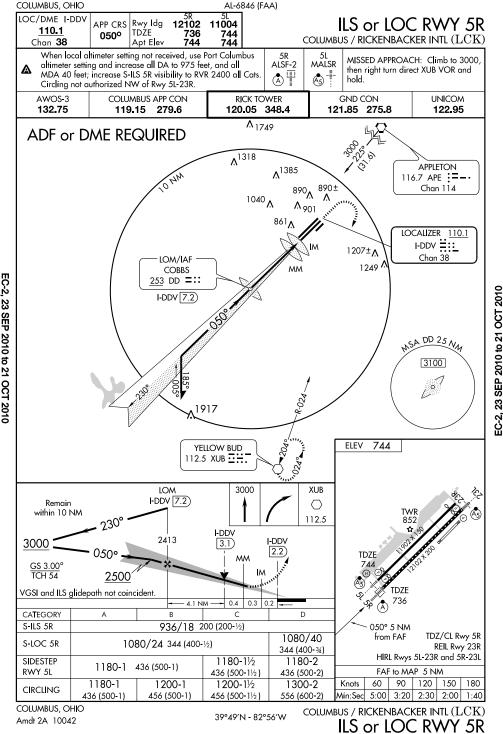
S-LOC 23L

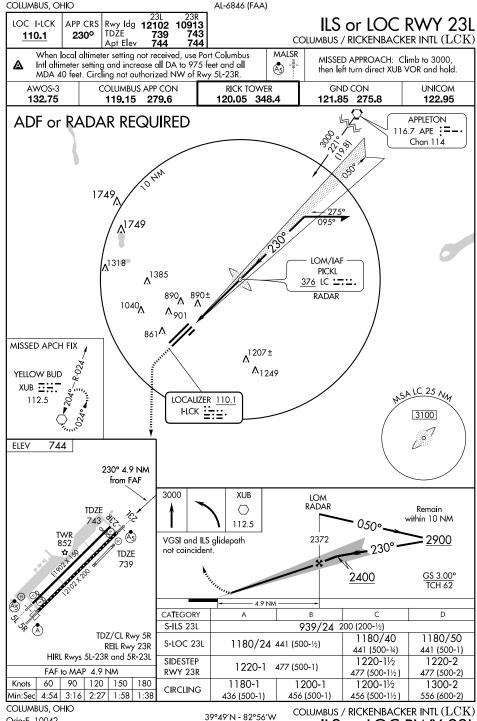
SIDESTEP

RWY 23R

EC.2,



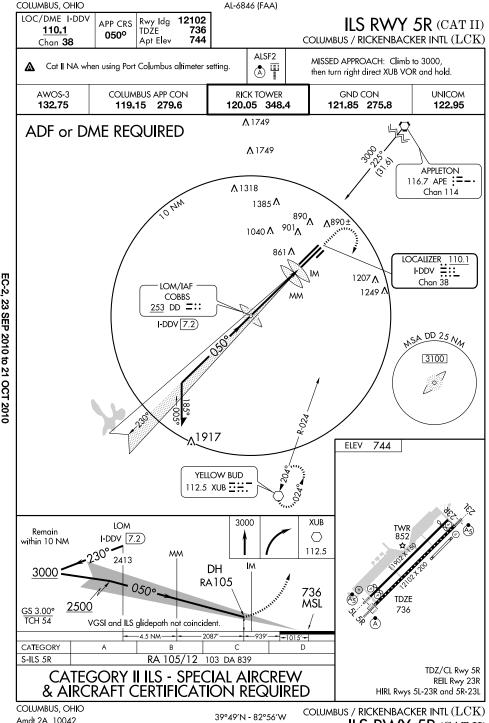




Orig-E 10042

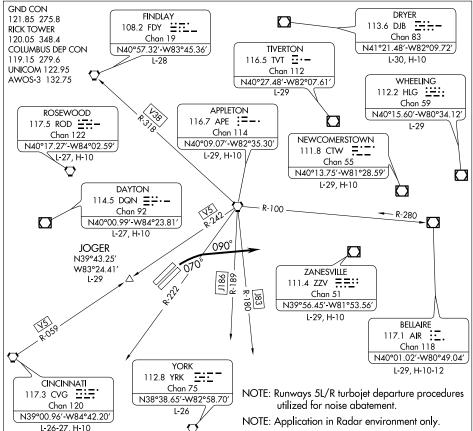
EC-2, 23 SEP 2010 to 21 OCT 2010

ILS or LOC RWY



LOCKBOURNE TWO DEPARTURE

COLUMBUS, OHIO



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF MINIMUMS: ALL RUNWAYS, STANDARD.

NOTE: Turbojet aircraft only.

TAKE-OFF RUNWAYS 5L or 5R: Climbing right turn to 3000' via heading 070° until crossing APE R-222, then right turn heading 090°. Expect vectors to assigned route and clearance to filed altitude 10 minutes after departure.

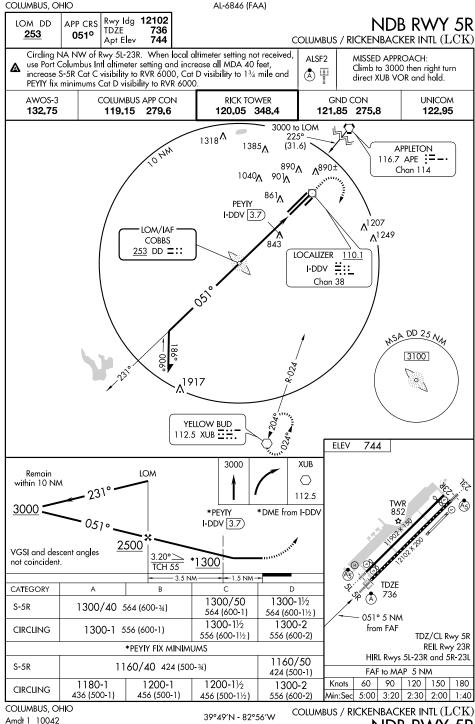
LOCKBOURNE TWO DEPARTURE

COLUMBUS, OHIO

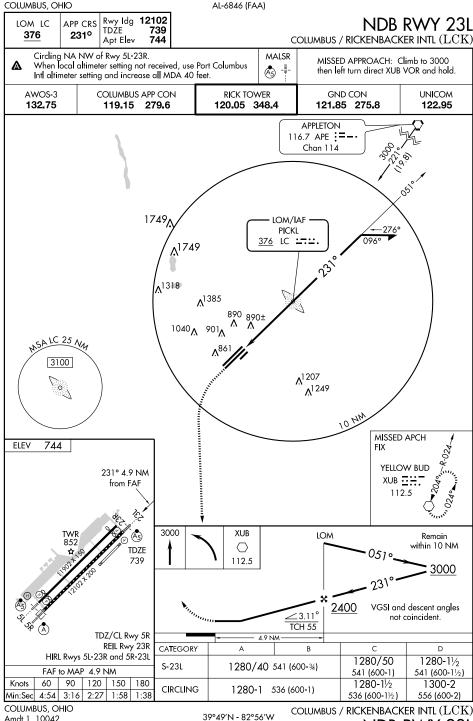
NOTE: Chart not to scale.

COLUMBUS/RICKENBACKER INTL (LCK)

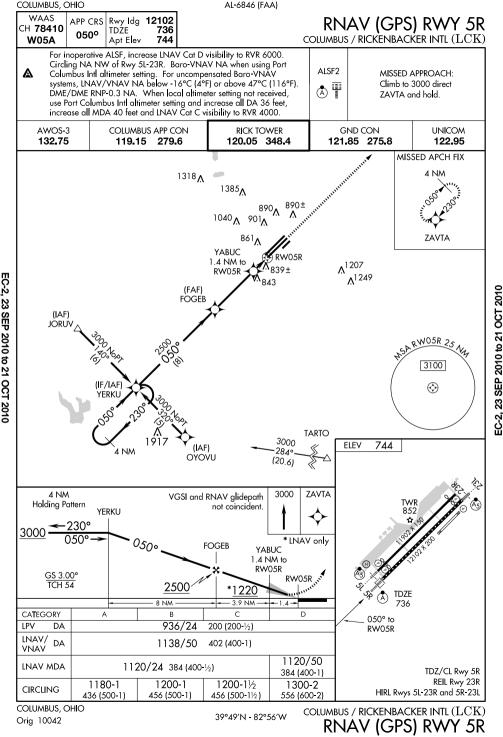
EC-2, 23 SEP 2010 to 21 OCT 2010

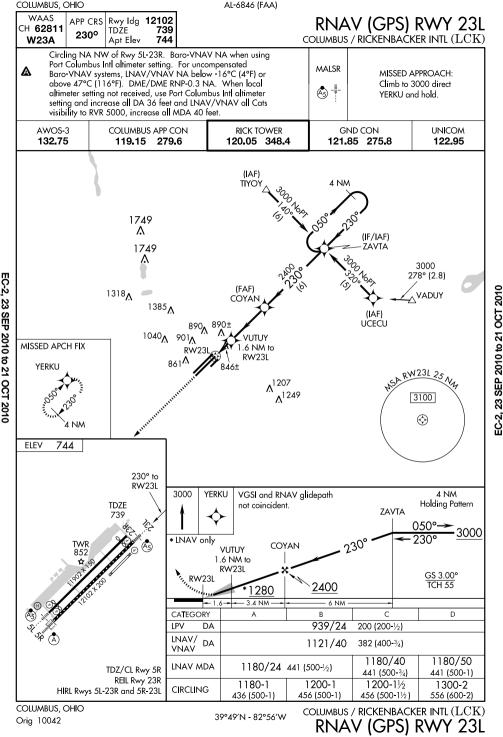


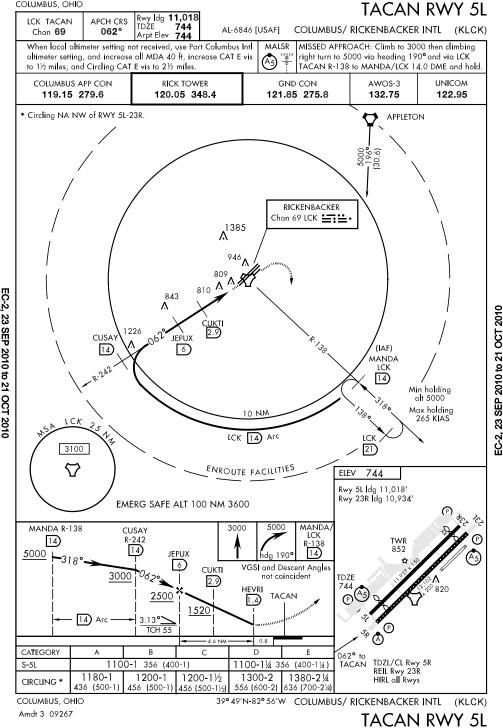
EC-2, 23 SEP 2010 to 21 OCT 2010

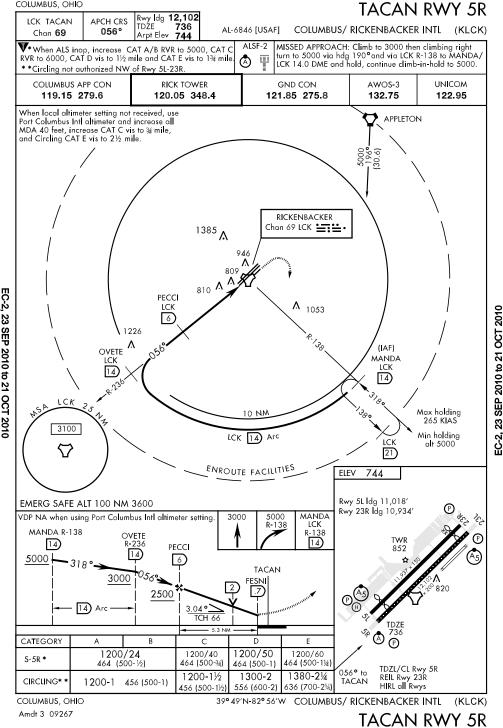


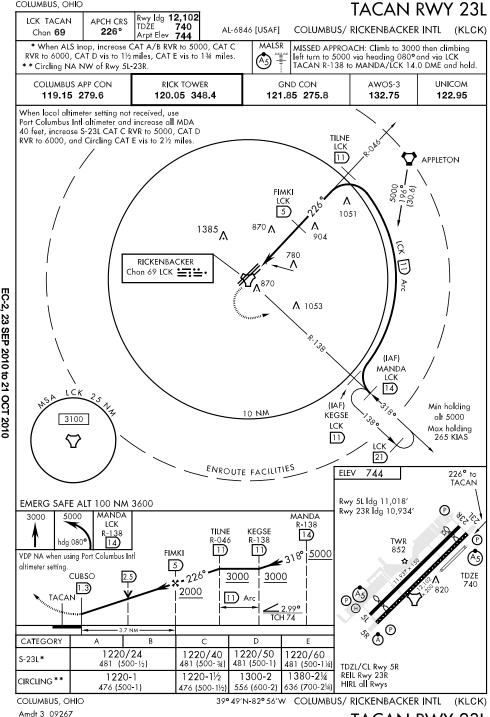
EC-2, 23 SEP 2010 to 21 OCT 2010



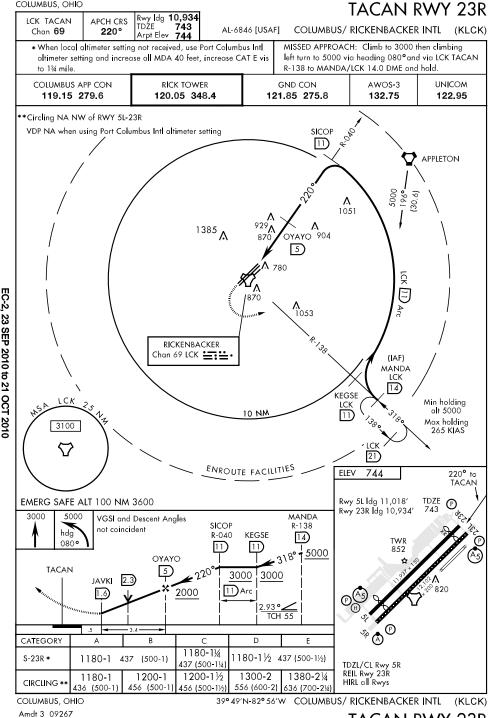




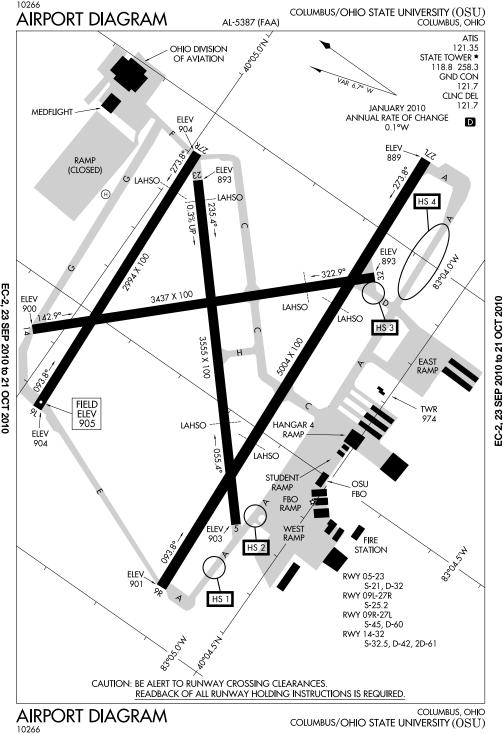




tacan rwy 23l



tacan rwy 23r



Rwy 9L-27R: 2994 X 100

Rwy 5-23: 3555 X 100

G^{C3}

Class IV. ARFF Index A NOTAM FILE OSU

DETROIT

IAP. AD

G G G

03

100

Residential

265° 22.7 NM to fld. 1350/6W.

H-10G, L-29A

UHIO

(OSU) 10 NW UTC-5(-4DT) N40°04.79' W83°04.38'

HIRI

MIRL

RWY 09R-27L: H5004X100 (ASPH-GRVD) S-45, D-60

RWY 05: Trees.

RWY 23

OHIO STATE UNIVERSITY

В S4

RWY 09R: MALSR, PAPI(P4L)—GA 3.0° TCH 51', Pole. RWY 27L: REIL. PAPI(P4L)-GA 3.0° TCH 26'. Tree.

FUEL 100LL JET A1 + 0X 1. 2

RWY 05-23: H3555X100 (ASPH) S-21. D-32 MIRL 0.3% up SW RWY 23: Trees.

2500

3300

RWY 14-32: H3437X100 (ASPH) S-32.5, D-42, 2D-61 RWY 14: Trees. RWY 32: Trees MIRL 0.4% up W

RWY 09L-27R: H2994X100 (ASPH) S-25.2

RWY 09L: VASI(V2L)-GA 3.0° TCH 29', Silo. RWY 27R: VASI(V2L)-GA 3.0° TCH 42'. Trees.

LAND AND HOLD SHORT OPERATIONS HOLD SHORT POINT DIST AVBL LANDING RWY 05 09I -27R 3350 RWY 09L 05-23 2550 3300 RWY N9R 14-32 **RWY 14** 09R-27L 2750

09R-27L

RWY 271 05-23 RUNWAY DECLARED DISTANCE INFORMATION

RWY 05-TORA-3555 TODA-3555 ASDA-3555 LDA-3555

RWY 09L: TORA-2994 TODA-2994 ASDA-2994 LDA-2994 RWY 09R:

TORA-5004 TODA-5004 ASDA-5004 LDA-5004 RWY 23-

TORA-3555 TODA-3555 ASDA-3555 LDA-3555

RWY 27L: TORA-5004 TODA-5004 ASDA-5004 LDA-5004 RWY 27R: TORA-2994 TODA-2994 ASDA-2994 LDA-2994

AIRPORT REMARKS: Attended 1130-0400Z±. Helicopter Indgs on Twy A prohibited. Helicopter Idg/tkfs from the FBO ramp prohibited. Birds and deer on and invof arpt. Closed to scheduled air carrier ops with greater than 9

manager 614-292-5460. Noise sensitive area within 4 miles to the N and NE. Noise abatement restrictions: No touch and go ldgs or repeated tkf and ldgs 0400-1200Z‡ daily. All movement area N of Rwy 09R-27L are not aybl for air carrier ops with more than 30 passenger seats. Snow removal operating procedures: when twr

clsd announce arrival on freq 118.8. When twr clsd HIRL Rwy 09R-27L, and either MIRL Rwy 05-23 or Rwy 14-32 may be preset med into in favor of forecasted wind, and MIRL Rwy 09L-27R not avbl.

COMMUNICATIONS: CTAF 118.8 ATIS 121.35 UNICOM 122.95 (R) COLUMBUS APP/DEP CON 120.2

STATE TOWER 118.8 (1200-0400Z±) GND CON 121.7

AIRSPACE: CLASS D svc 1200-0400Z‡ other times CLASS G.

WEATHER DATA SOURCES: ASOS (614) 451-2465, LAWRS.

RADIO AIDS TO NAVIGATION: NOTAM FILE DAY

APPLETON (H) VORTAC 116.7 APE Chan 114 N40°09.06' W82°35.30'

HIWAS.

clsd SHUTDOWN

FULER NDB (MHW/LOM) 515 OS N40°04.42' W83°11.89' 091° 5.8 NM to fld. Rwv 09R IIS 108 5 I_OSU LOM FULER NDB. Unmonitored when twr clsd. COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.

. . .

DON SCOTT NDB (MHW) 348

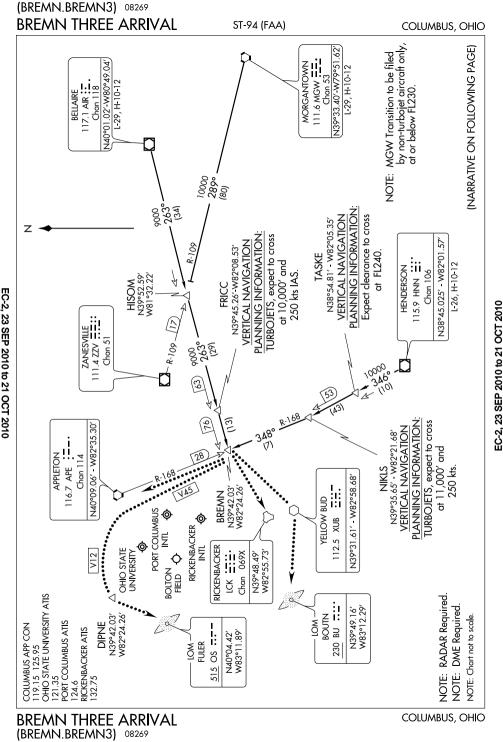
HELIPAD H1: H40X40 (ASPH)

HELIPORT REMARKS: Helipad (unlit) relocated N side of airfield, adjacent Air Guard ramp, Twy G. All app/dep routes helicopters ops are conducted in an area 130°-110° clockwise using the touchdown pad as the center of a compass rose

passenger seats and unscheduled air carrier ops greater than 30 passenger seats, 90-day PPR, call arpt

CINC DFI 121 7

DKG N40°04.82' W83°04.73' at fld. NOTAM FILE OSU, Unmonitored when twr



ST-94 (FAA)

COLUMBUS, OHIO

ARRIVAL ROUTE DESCRIPTION

BELLAIRE TRANSITION (AIR.BREMN3): From over AIR VOR/DME via AIR R-263 to BREMN INT. Thence. . . .

HENDERSON TRANSITION (HNN.BREMN3): From over HNN VOR/DME via HNN

R-346 to NIKLS INT, then via APE R-168 to BREMN INT. Thence. . . .

MORGANTOWN TRANSITION (MGW.BREMN3): From over MGW VORTAC via MGW R-289 and ZZV R-109 to HISOM, then via AIR R-263 to BREMN. Thence....

. . . . From over BREMN DME expect radar vectors to final approach course.

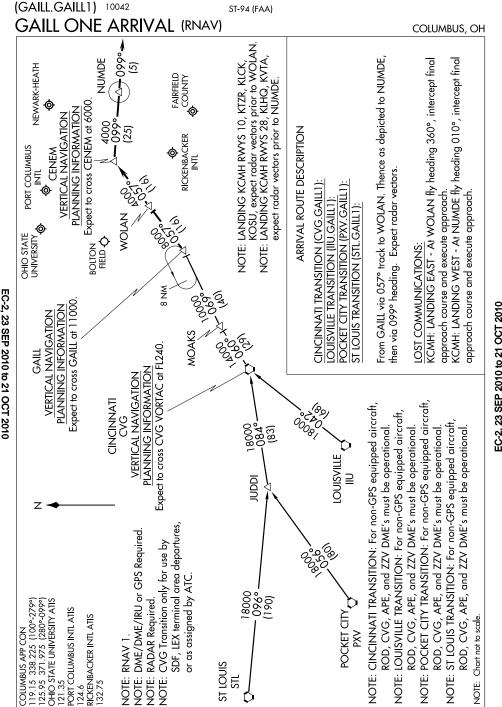
LOST COMMUNICATION PROCEDURE:

LANDING PORT COLUMBUS INTL: From BREMN INT direct APE VORTAC, maintain 3000 until APE VORTAC.

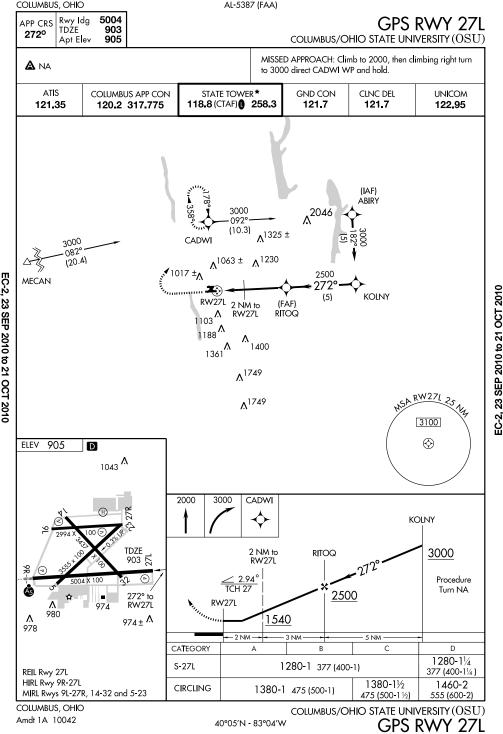
LANDING OHIO STATE UNIVERSITY: From BREMN INT via V45 to APE VORTAC then via

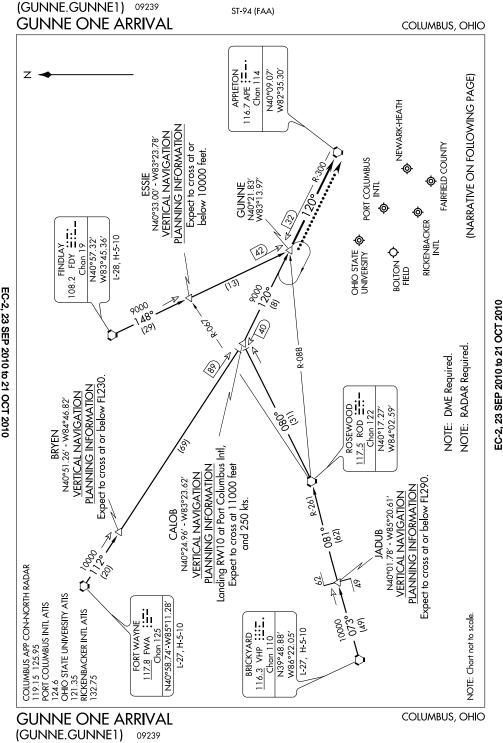
V12 to DIPNE INT then direct FULER (OS) LOM, maintain 3000 until FULER (OS) LOM. LANDING RICKENBACKER INTL: From BREMN INT direct LCK TACAN, maintain 3000 until LCK TACAN.

LANDING BOLTON FIELD: From BREMN INT to XUB VOR direct BOUTN (BU) LOM, Maintain 3000 until BOUTN (BU) LOM.



RRIVAL (RNAV)





ST-94 (FAA)

COLUMBUS, OHIO

EC-2, 23 SEP 2010 to 21 OCT 2010

ARRIVAL ROUTE DESCRIPTION

BRICKYARD TRANSITION (VHP.GUNNE1): From over VHP VORTAC via VHP R-073 to JADUB INT, then via ROD R-261 to ROD VORTAC, then via

ROD R-080 to CALOB INT, then via APE R-300 to GUNNE INT. Thence. . . .

FINDLEY TRANSITION (FDY.GUNNE1): From over FDY VORTAC via

FDY R-148 to GUNNE INT. Thence. . . .

FORT WAYNE TRANSITION (FWA.GUNNE1): From over FWA VORTAC via FWA R-112 to CALOB INT, then via APE R-300 to GUNNE INT. Thence. . . .

. . . . From over GUNNE via heading 120°. Expect radar vectors to final approach course.

LOST COMMUNICATION PROCEDURE:

For all airports - From over GUNNE INT direct APE VORTAC, maintain 4000 and hold.

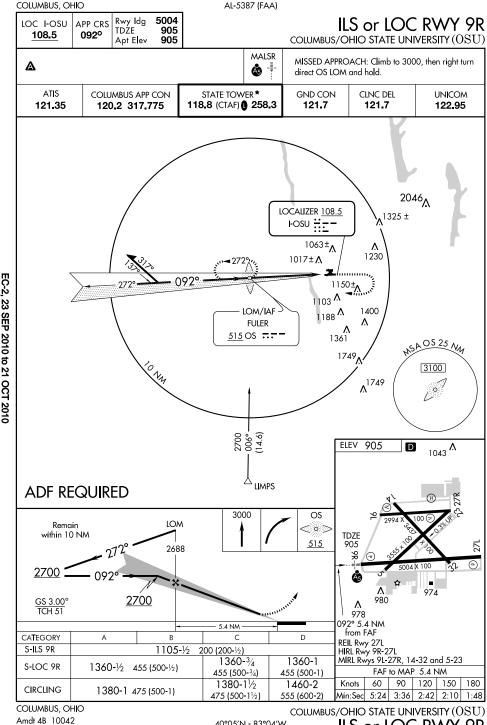
HOT SPOTS

An "airport surface hot spot" is a location on an aerodrome movement area with a history or potential risk of collision or runway incursion, and where heightened attention by pilots/drivers is necessary.

A "hot spot" is a runway safety related problem area on an airport that presents increased risk during surface operations. Typically it is a complex or confusing taxiway/taxiway or taxiway/runway intersection. The area of increased risk has either a history of or potential for runway incursions or surface incidents, due to a variety of causes, such as but not limited to: airport layout, traffic flow, airport marking, signage and lighting, situational awareness, and training. Hot spots are depicted on airport diagrams as open circles or polygons designated as "HS 1", "HS 2", etc. and tabulated in the list below with a brief description of each hot spot. Hot spots will remain charted on airport diagrams until such time the increased risk has been reduced or eliminated.

increased risk has been reduced or eliminated.				
CITY/AIRPORT	HOT SPOT	DESCRIPTION*		
AKRON, OH				
AKRON-CANTON RGNL (CAK)	HS 1 HS 2 HS 3	ILS hold short line proximity to transient parking ramp. Rwy 01-19 and Rwy 05-23 hold short line on Twy C east of Rwy 01-19. Hold short lines on Twy K between Rwy 01-19 and Rwy 05-23 are nearly co-located.		
CINCINNATI, OH		05-25 are really co-located.		
CINCINNATI MUNI				
AIRPORT-LUNKEN FIELD (LUK)	HS 1 HS 2 HS 3	Twy C and Rwy 03L apch area. Twy A and Rwy 21R. Departing acft on Rwy 21L can expect to hold short of Rwy 25 on Twy A.		
	HS 4	Terminal ramp and Rwy 07, need ATC authorization to depart terminal ramp area.		
CLEVELAND, OH		·		
CLEVELAND-HOPKINS				
INTL (CLE)	HS 1 HS 2	Complex int of Rwy 06R-24L and Twy S, Twy L. Complex int of Rwy 06R-24L and Twy R, Twy L.		
COLUMBUS, OH				
OHIO STATE UNIVERSITY (OSU)	HS 1	When holding short of Rwy 09R, aircraft must clear Rwy 05 hold short line on Twy A, west of Rwy 05.		
	HS 2	Rwy 05 hold short line close proximity to west ramp on Twy A.		
	HS 3	Wrong rwy departure risk: Rwy 32 is not visible from hold short lines on Twy D.		
	HS 4	Successive hold short lines on Twy A east of Twy D define Rwy 32 apch zone.		
COLUMBUS, OH				
PORT COLUMBUS INTL (CMH)	HS 1 HS 2	Full length departures for Rwy 28L expect Twy F. Complex rwy/twy int.		
EVANOVILLE IN	HS 3	Area not visible from the twr.		
EVANSVILLE, IN EVANSVILLE RGNL (EVV)	HS 1	Pilots taxiing to Rwy 09 enter the rwy mid-field.		
EVANSVILLE RONE (EVV)	HS 2	Rwy 27 and Twy A.		
	HS 3	Rwy 18-36 in close proximity to General Aviation Ramp.		
	HS 4	Rwy 18-36 in close proximity to General Aviation Ramp.		
YOUNGSTOWN-WARREN, OH YOUNGSTOWN-WARREN				
RGNL (YNG)	HS 1 HS 2	Rwy 23 hold short line on Twy H southeast of Rwy 23. Complex Twy K-Twy F int.		

^{*}See appropriate A/FD, Alaska or Pacific Supplement HOT SPOT table for additional information.



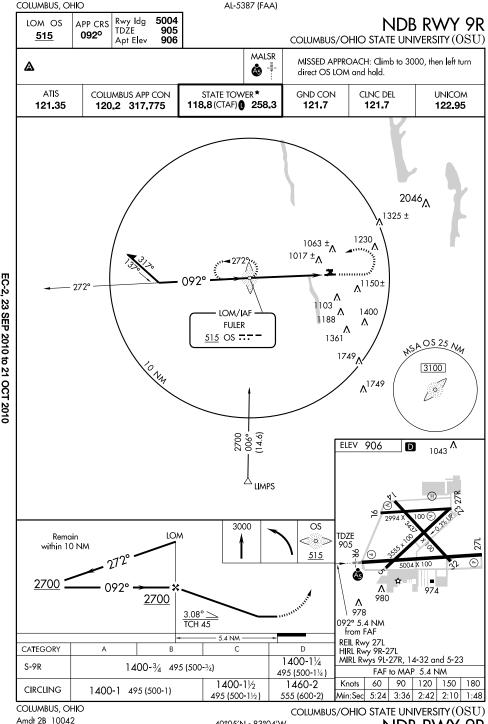
40°05'N - 83°04'W RW

LAND AND HOLD SHORT OPERATIONS (LAHSO)

LAHSO is an acronym for "Land and Hold Short Operations." These operations include landing and holding short of an intersection runway, an intersecting taxiway, or other predetermined points on the runway other than a runway or taxiway. Measured distance represents the available landing distance on the landing runway, in feet.

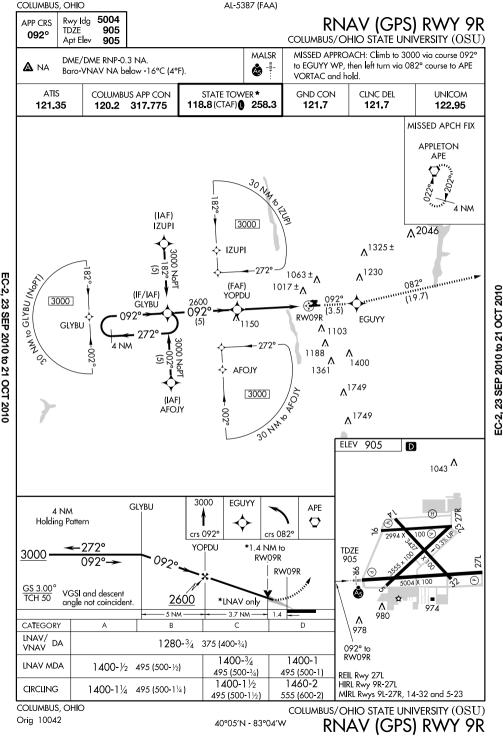
Specific questions regarding these distances should be referred to the air traffic manager of the facility concerned.

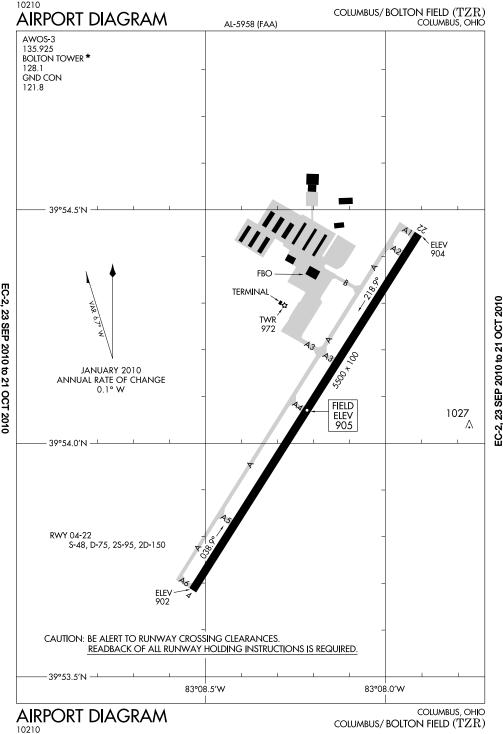
The Aeronautical Information Manual contains s	pecific details	on hold-short operations an	d markings.
CITY/AIRPORT	LDG RWY	HOLD-SHORT POINT	MEASURED DISTANCE
AKRON, OH			
AKRON-CANTON RGNL (CAK)	05	01-19	4,300 feet
	19	05-23	3,100 feet
BLOOMINGTON, IN			
MONROE COUNTY (BMG)	17	06-24	6,100 feet
COLUMBUS, OH			
OHIO STATE UNIVERSITY (OSU)	05	09L-27R	3,350 feet
, ,	09L	05-23	2,550 feet
	09R	14-32	3,300 feet
	14	09R-27L	2,750 feet
	23	09R-27L	2,500 feet
	27L	05-23	3,300 feet
FORT WAYNE, IN			
FORT WAYNE INTL (FWA)	05	14-32	9,150 feet
	14	05-23	5,650 feet
	27	05-23	2,700 feet
LAFAYETTE, IN			
PURDUE UNIVERSITY (LAF)	10	05-23	4,600 feet
MANSFIELD, OH			
MANSFIELD LAHM RGNL (MFD)	05	14-32	4,350 feet
	14	05-23	6,100 feet
MUNCIE, IN			
DELAWARE COUNTY RGNL (MIE)	14	02-20	4,300 feet
	20	14-32	3,500 feet
TERRE HAUTE, IN			
TERRE HAUTE INTL-HULMAN			
FIELD (HUF)	05	18-36	4,650 feet
	18	05-23	3,300 feet
	23	18-36	3,450 feet
	32	05-23	4,237 feet
	36	14-32	3,200 feet



Amdt 2B 10042

NDB RW





226 OHIO COI UMBUS

BOLTON FLD

RWY 04-22: H5500X100 (ASPH) S-48, D-75, 2S-95, 2D-150 RWY 04: MALSR. PAPI(P4L)-GA 3.0° TCH 40'.

S4

RWY 22: REIL. PAPI(P4L)-GA 3.0° TCH 31'. Trees. AIRPORT REMARKS: Attended 1200-0200Z‡. Balloon and banner activity

(TZR) 8 SW UTC-5(-4DT) N39°54.07′ W83°08.22′

GND CON 121.8

NOTAM FILE DAY

MIRL

LOM BOUTN NDB. Unmonitored

N39°56.52′ W83°12.29′

FUEL 100LL, JET A1+ 0X 3 TPA-1705(800)

on and invof arpt. Birds and deer and coyote on and invof arpt.

When twr clsd MIRL Rwy 04-22 preset medium ints, to increase ints-ACTIVATE MALSR Rwy 04 and REIL Rwy 22-CTAF. WEATHER DATA SOURCES: AWOS-3 135.925 (614) 878-1722, Unavbl

1230-0030Z±. COMMUNICATIONS: CTAF 128.1

(R) COLUMBUS APP/DEP CON 132.3 TOWER 128.1 (1230-0030Z‡)

AIRSPACE: CLASS D svc 1230-0030Z‡ other times CLASS G. RADIO AIDS TO NAVIGATION: NOTAM FILE DAY. APPLETON (H) VORTAC 116.7 APE Chan 114 N40°09.06'

W82°35.30' 246° 29.4 NM to fld. 1350/6W. HIWAS. BOUTN NDB (MHW/LOM) 230 BU N39°49.16' W83°12.29'

038° 5.8 NM to fld. Unmonitored when twr clsd. NDB unusable 355°-010° bvd 15 NM.

ILS 111.7 I-BUZ Rwy 04 when twr clsd. GS unmonitored when twr clsd. LOC unusable 355°-010° byd 15 NM.

COLUMBUS SOUTHWEST (Ø41) NOTAM FILE DAY RWY 06-24: 2382X120 (TURF) LIRL

RWY 06: Trees. RWY 24: Bldg.

LIRL OTS indef. COMMUNICATIONS: CTAF 122.9

DARBY DAN (616)10 W UTC-5(-4DT) FUEL 100LL, JET A

RWY 09-27: H5892X75 (ASPH)

APPLETON (H) VORTAC 116.7 APE Chan 114 N40°09.06' W82°35.30' 252° 31.1 NM to fld. 1350/6W. HIWAS.

RWY 09: REIL, PAPI(P4L), Thid dsplcd 1343', Tree. RWY 27: REIL. PAPI(P4L). Thid dsplcd 543'. Tree. Rgt tfc. AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z‡, Prior arrangement for Sat-Sun call 614-853-2400. Rwy 09 PAPI OTS indef. Rwy 27 PAPI OTS indef. ACTIVATE MIRL Rwy 09-27; rotating bcn; REIL Rwy 09 and Rwy 27; PAPI Rwy 09 and Rwy 27-CTAF. Rwy 09 and Rwv 27 REILS OTS indef. Ldg fee. COMMUNICATIONS: CTAF/UNICOM 122.7 RADIO AIDS TO NAVIGATION: NOTAM FILE DAY.

Ġ ß Ø €3 €3 €3 Stormwate Area

NOTAM FILE TZR

MIRL

CINCINNATI

CINCINNATI

CINCINNATI

IAP. AD

H-10G, L-29A

COMM/NAV/WEATHER REMARKS: Emerg frequency not monitored all times. Ctc Gnd Con 121.8 for weather 1230-0030Z‡. 11 SW UTC-5(-4DT) N39°54.67′ W83°11.33′ CINCINNATI

AIRPORT REMARKS: Attended 1400-2200Z‡. Rwy 06-24 undulating surface; rwy soft when wet; check NOTAMS or call arpt manager at 614-878-4080. Helicopters, acft towing banners and ultralights use rgt tfc. Rwy 06-24 has soft spots. For LIRL Rwy 06-24 and rotating bcn call 614-878-4080. Rwy 06-24 NSTD LIRL; Rwy 06-24 NSTD

> H-10G, L-29A Ó 5892 X 75

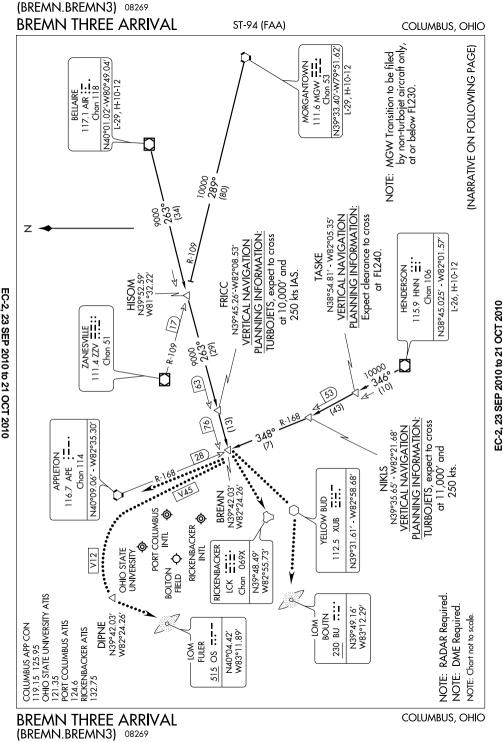
€3 C3C **(3** Œ

DEPARTMENT OF TRANSPORTATION HELIPORT (2A7) OW UTC-5(-4DT)

N39°57.59′ W83°02.65′

715 NOTAM FILE DAY HELIPAD H1: H40X40 (ASPH)

HELIPORT REMARKS: Attended continuously. COMMUNICATIONS: CTAF 122 9



ST-94 (FAA)

COLUMBUS, OHIO

ARRIVAL ROUTE DESCRIPTION

BELLAIRE TRANSITION (AIR.BREMN3): From over AIR VOR/DME via AIR R-263 to BREMN INT. Thence. . . .

HENDERSON TRANSITION (HNN.BREMN3): From over HNN VOR/DME via HNN

R-346 to NIKLS INT, then via APE R-168 to BREMN INT. Thence. . . .

MORGANTOWN TRANSITION (MGW.BREMN3): From over MGW VORTAC via MGW R-289 and ZZV R-109 to HISOM, then via AIR R-263 to BREMN. Thence....

. . . . From over BREMN DME expect radar vectors to final approach course.

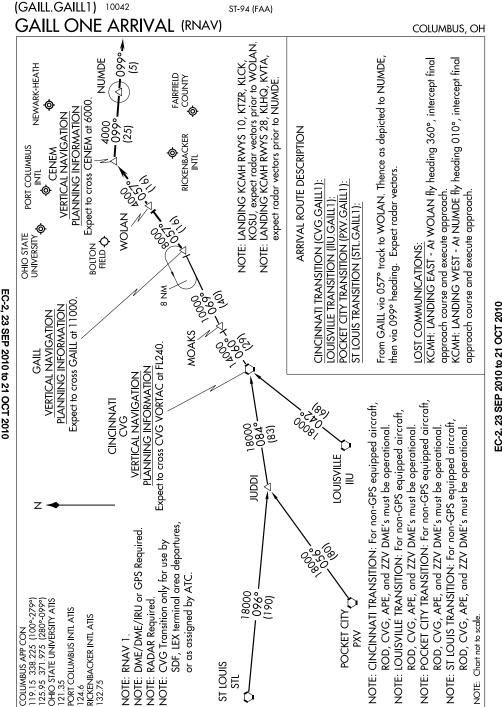
LOST COMMUNICATION PROCEDURE:

LANDING PORT COLUMBUS INTL: From BREMN INT direct APE VORTAC, maintain 3000 until APE VORTAC.

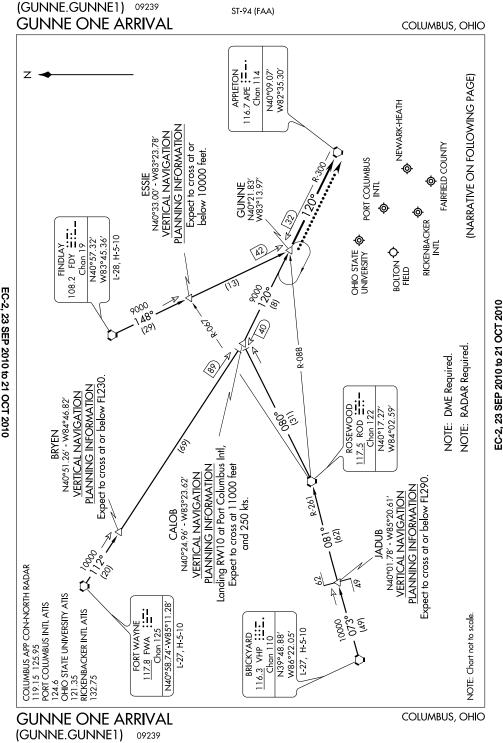
LANDING OHIO STATE UNIVERSITY: From BREMN INT via V45 to APE VORTAC then via

V12 to DIPNE INT then direct FULER (OS) LOM, maintain 3000 until FULER (OS) LOM. LANDING RICKENBACKER INTL: From BREMN INT direct LCK TACAN, maintain 3000 until LCK TACAN.

LANDING BOLTON FIELD: From BREMN INT to XUB VOR direct BOUTN (BU) LOM, Maintain 3000 until BOUTN (BU) LOM.



RRIVAL (RNAV)



FDY R-148 to GUNNE INT. Thence. . . .

ARRIVAL ROUTE DESCRIPTION

BRICKYARD TRANSITION (VHP.GUNNE1): From over VHP VORTAC via VHP R-073 to JADUB INT, then via ROD R-261 to ROD VORTAC, then via

ROD R-080 to CALOB INT, then via APE R-300 to GUNNE INT. Thence. . . .

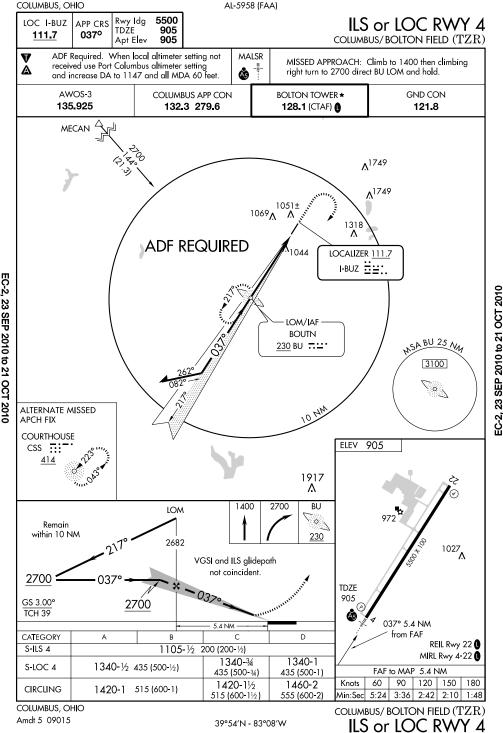
FINDLEY TRANSITION (FDY.GUNNE1): From over FDY VORTAC via

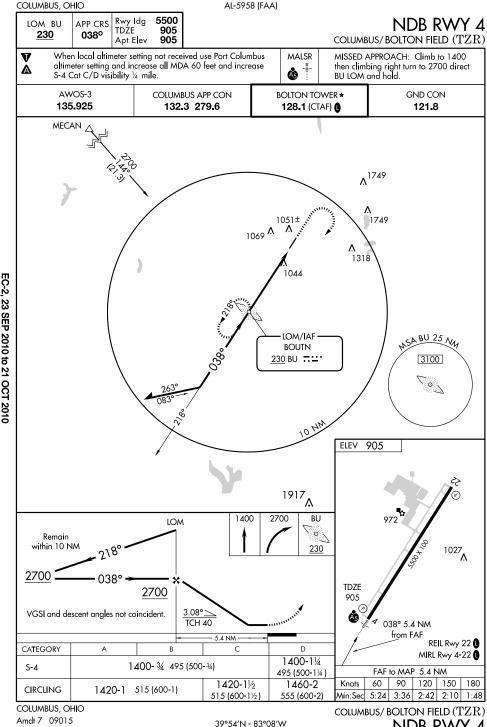
FORT WAYNE TRANSITION (FWA.GUNNE1): From over FWA VORTAC via FWA R-112 to CALOB INT, then via APE R-300 to GUNNE INT. Thence. . . .

. . . . From over GUNNE via heading 120°. Expect radar vectors to final approach course.

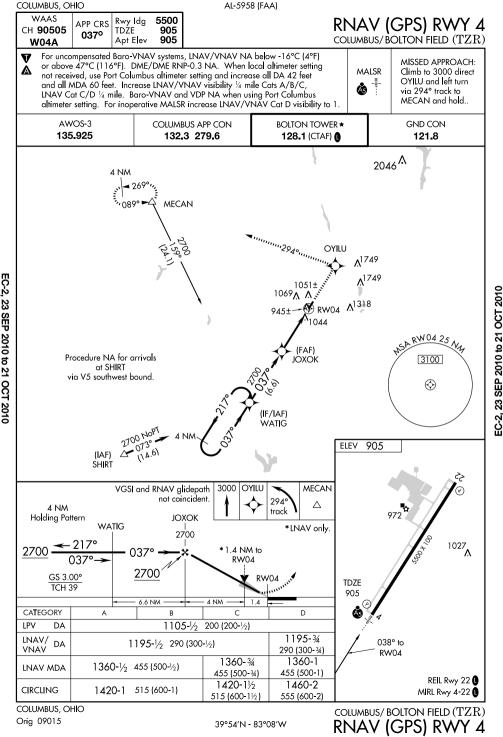
LOST COMMUNICATION PROCEDURE:

For all airports - From over GUNNE INT direct APE VORTAC, maintain 4000 and hold.





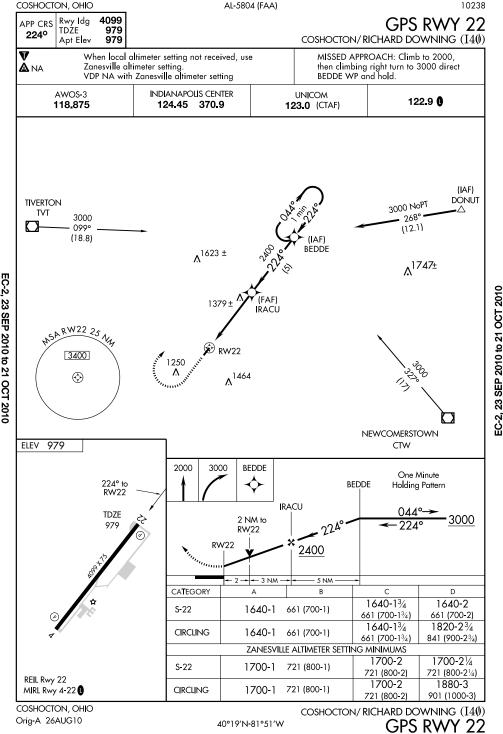
NDB RW

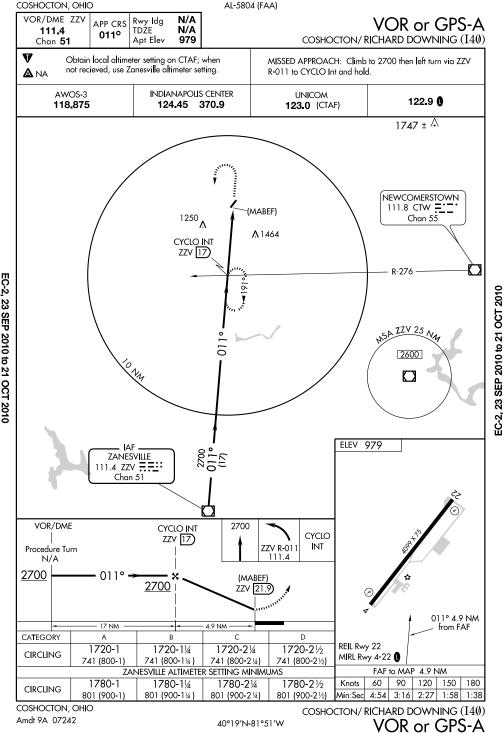


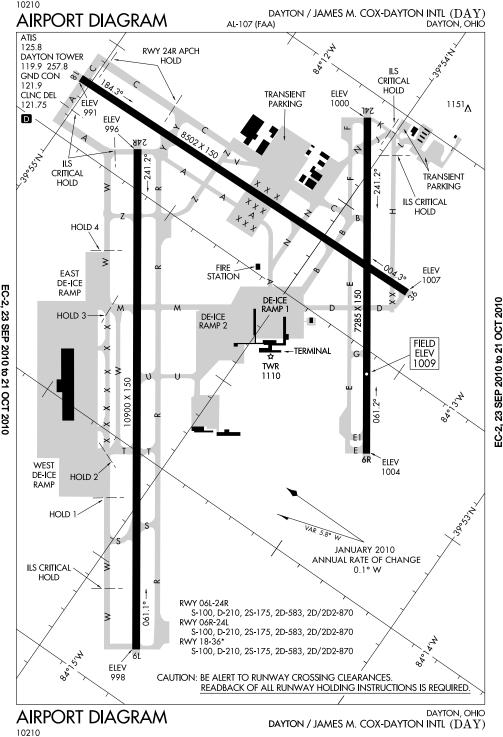
230 OHIO CONCORD AIRPARK (See PAINESVILLE) COSHOCTON RICHARD DOWNING (14Ø) 3 N UTC-5(-4DT) N40°18.55′ W81°51.20′ DETROIT FUEL 100LL. JET A NOTAM FILE CLE 1-29R IAP RWY 04-22: H4099X75 (ASPH) S-30, D-35 MIRL RWY 04: PAPI(P2L)—GA 3.5°. Trees. RWY 22: REIL. PAPI(P2L). AIRPORT REMARKS: Attended May-Oct 1300-0100Z±. Nov-Apr 1300-2200Z±. Deer on and invof arpt. Rwy 22 REIL OTS indef, PAPI Rwys 04 and 22 opr continuously, ACTIVATE MIRL Rwy 04-22-122.9. WEATHER DATA SOURCES: AWOS-3 118.875 (740) 295-7370. COMMUNICATIONS: CTAF/UNICOM 123 O (R) INDIANAPOLIS CENTER APP/DEP CON 124.45 RADIO AIDS TO NAVIGATION: NOTAM FILE ZZV. ZANESVILLE (L) VOR/DME 111.4 ZZV Chan 51 N39°56.45′ W81°53.56′ 011° 22.2 NM to fld. 900/6W. COURT HOUSE N39°36.05′ W83°23.50′ NOTAM FILE DAY. CINCINNATI

NDB (MHW) 414 CSS 222° 2.3 NM to Favette Co. NDB unusable 115°-165° byd 20 NM.

L-29A







OHIO 233

JAMES M COX DAYTON INTL (DAY) 9 N UTC-5(-4DT) N39°54.14′ W84°13.16′ FUEL 100, JET A OX 1 LRA ARFF Index—See Remarks NOTAM FILE DAY 1009 B S4

RWY 06L-24R: H10900X150 (ASPH-CONC-GRVD) S-100, D-210, 2S-175, 2D-583, 2D/2D2-870

HIRL CL RWY 06L: ALSF2, TDZL.

RWY 24R: MALSR, VASI(V4L)-GA 3.0° TCH 54', Tree. RWY 18-36: H8502X150 (ASPH-CONC-GRVD) S-100, D-210,

2S-175, 2D-583, 2D/2D2-870 HIRL

RWY 18: MALSR. Trees.

RWY 36: REIL. VASI(V4L)-GA 3.0° TCH 46'. Trees.

RWY 06R-24L: H7285X150 (CONC) S-100, D-210, 2S-175,

2D-583, 2D/2D2-870 HIRL

RWY 06R: REIL. PAPI(P4L)-GA 3.0°. TCH 52'. Tree. RWY 24L: MALSR. PAPI(P4L)-GA 3.0°. TCH 51'. Pole.

RUNWAY DECLARED DISTANCE INFORMATION:

RWY 06R: TORA-7000 TODA-7000 ASDA-7000

RWY 24L: TORA-7000 TODA-7000 ASDA-7000 LDA-7000 AIRPORT REMARKS: Attended continuously, Deer, covotes, birds and

waterfowl on and invof arpt. First 1400' Rwy 24R concrete. First

1500' of Rwv 18 concrete, Rwv 36 VASI OTS indef, Class I, ARFF Index C. ARFF index E avbl with 24 hrs notice; call arpt operations 937-454-8299. Twy H clsd between Twy D and Rwy 18-36 indef.

Twy C between Twy N and Twy V not avbl for air carrier ops. Twy K. Twy H and Twy J not avbl for group IV and higher acft. Terminal ramp is a non-movement area. Runups

LDA-7000

prohibited in Rwy 24L holding area. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS (937) 454-7845. HIWAS 114.5 DON. TDWR.

COMMUNICATIONS: ATIS 125.8 UNICOM 122.95

DAYTON RCO 122.1R 114.5T 122.2 122.55 (DAYTON RADIO)

(R) DAYTON APP/DEP CON 118.85 126.45 (091°-180°) 134.45 (181°-359°) 118.425 (360°-090°) 118.0 126.5 DAYTON TOWER 119.9 GND CON 121.9 CLNC DEL 121.75

AIRSPACE: CLASS C svc continuous ctc APP CON RADIO AIDS TO NAVIGATION: NOTAM FILE DAY.

DAYTON (L) VOR/DME 114.5 DON Chan 92 N40°00.99' W84°23.81' 131° 10.7 NM to fld. 990/1W. **2AWIH**

BRUNY NDB (LOM) 315 AT N39°50.82′ W84°20.09′ 062° 6.3 NM to fld.

ILS/DME 108.3 I-DAY Chan 20 Rwy 18.

ILS 108.9 I-ATD Rwv 06L. LOM BRUNY NDB.

I-EGK Rwy 24L. ILS 110.3

ILS/DME 111.9 I-VUO Chan 56 Rwy 24R. Class IE.

ASR

MORAINE AIR PARK (173)4 SW UTC-5(-4DT) N39°40.95′ W84°14.58′ FUEL 100LL NOTAM FILE DAY

RWY 08-26: H3500X65 (ASPH)

RWY 08: Thid dsplcd 558'. Dike.

RWY 26: Thid dsplcd 136'. Dike. AIRPORT REMARKS: Attended dalgt hrs. PAEW adjacent twys.

WEATHER DATA SOURCES: HIWAS 114.5 DON.

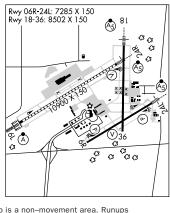
COMMUNICATIONS: CTAF/UNICOM 122.7

DAYTON APP/DEP CON 126.5 (091°-180°)

RADIO AIDS TO NAVIGATION: NOTAM FILE FFO.

Chan 79 N39°50.19' SPRINGFIELD (T) VORW/DME 113.2 SGH

W83°50.70' 248° 20.6 NM to fld. 1047/4W.



CINCINNATI

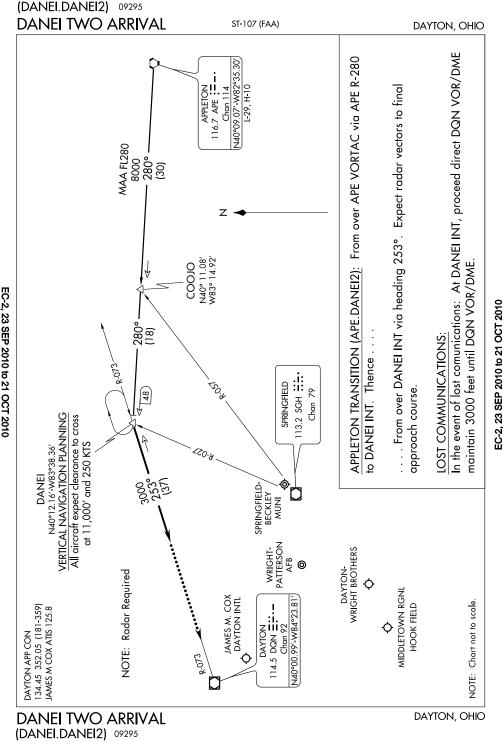
IAP. AD

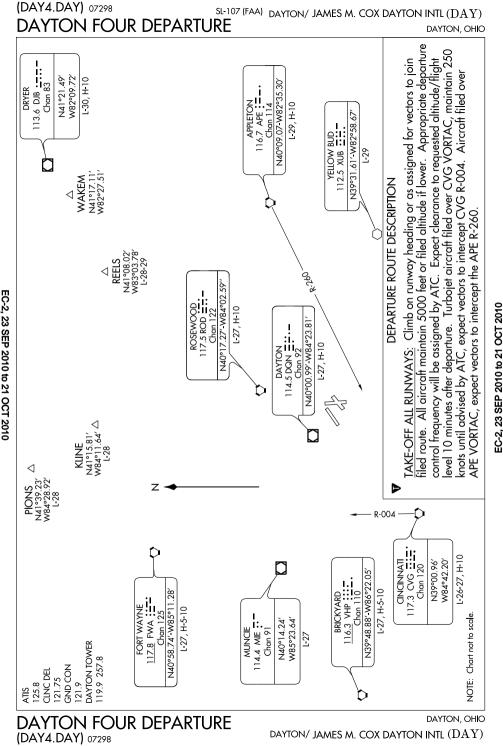
H-10G, L-27E

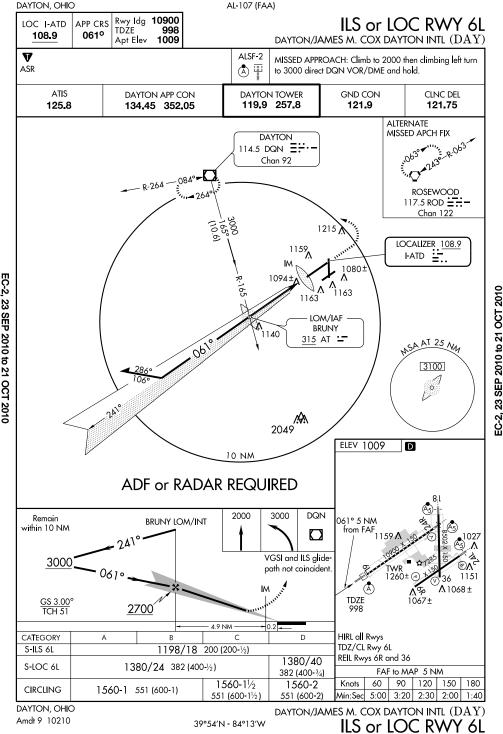
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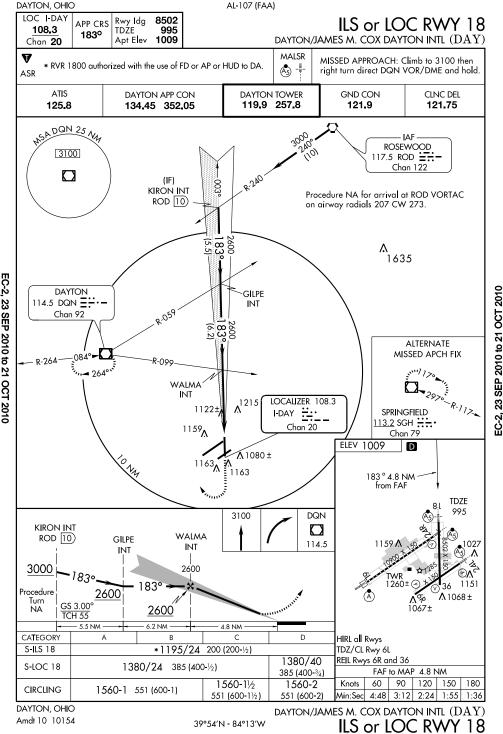
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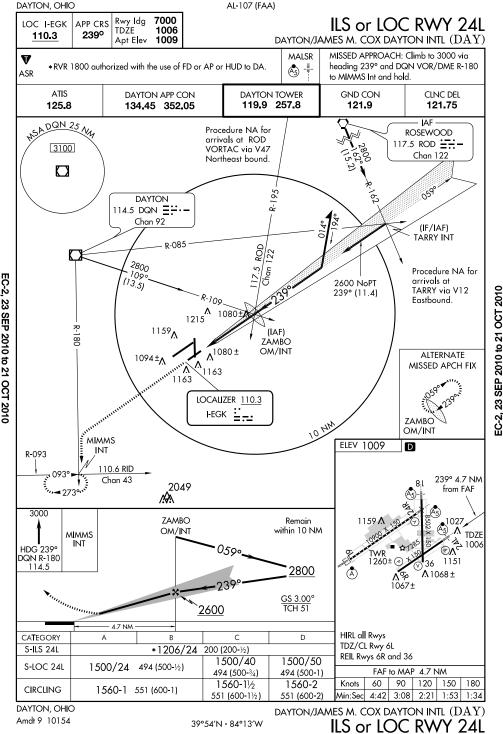
L-27E

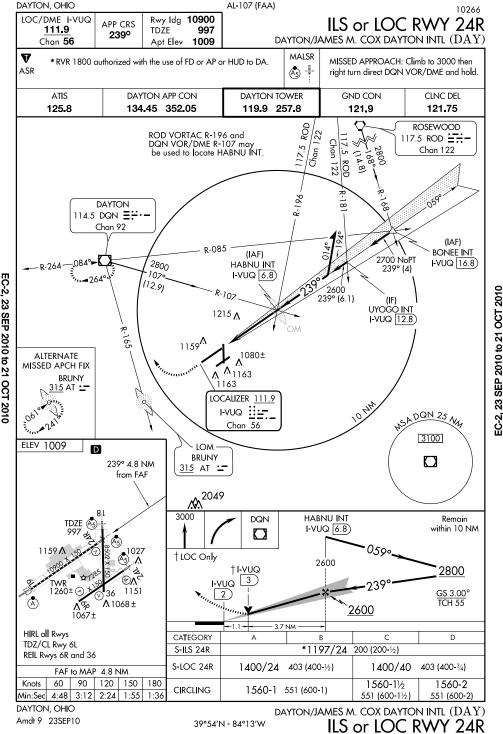


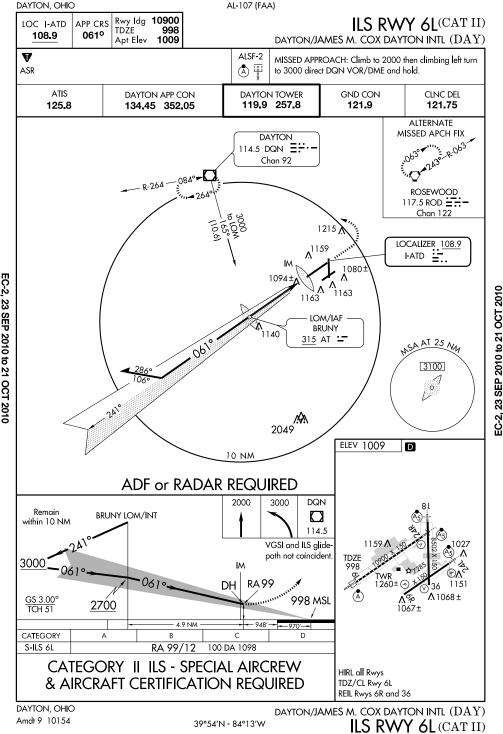


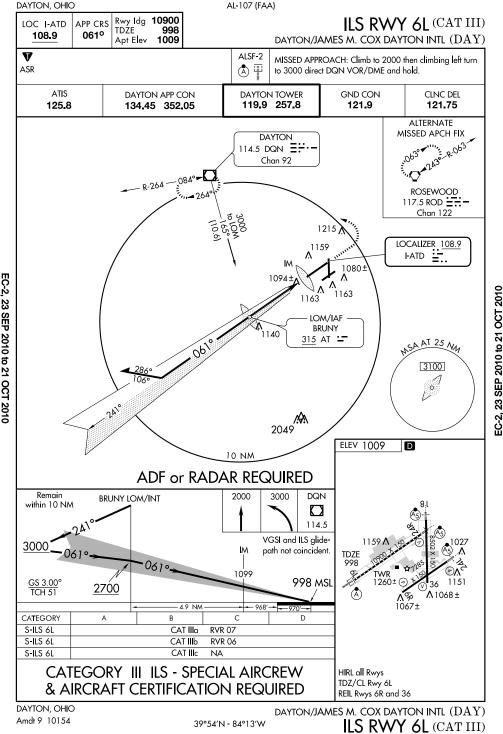


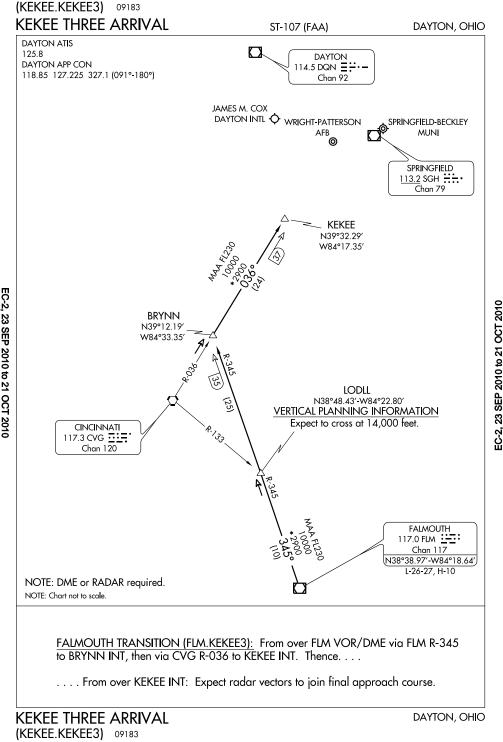


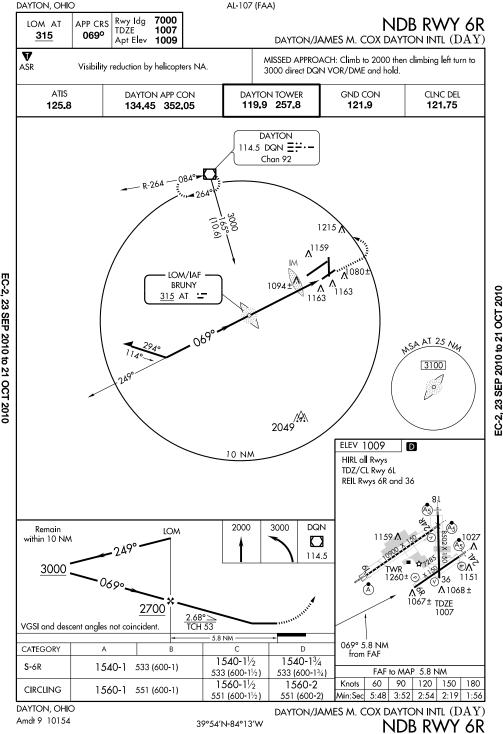


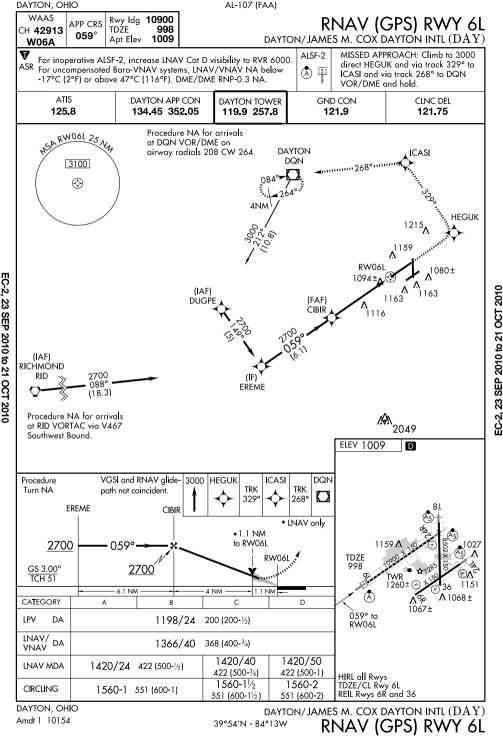


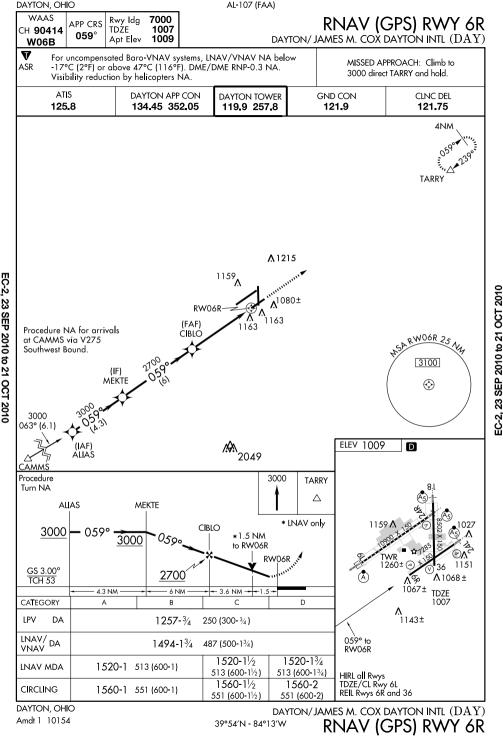










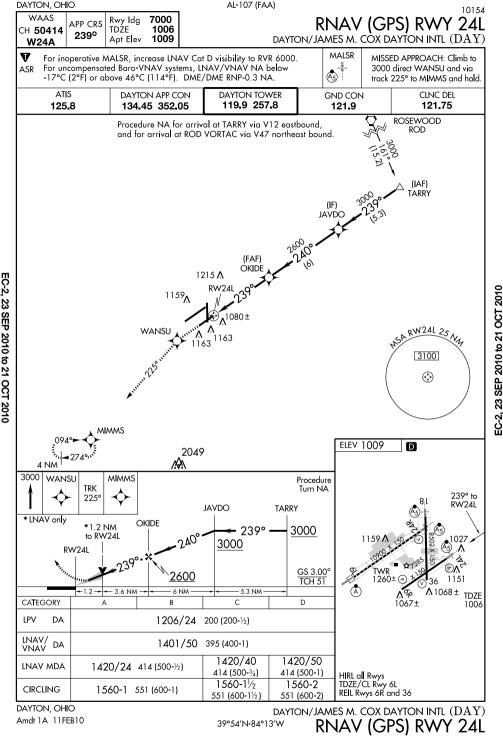


DAYTON, OHIO AL-107 (FAA) WAAS 8502 RNAV (GPS) RWY 18 Rwy Idg APP CRS CH **86914** TDŹE 995 183° DAYTON/JAMES M. COX DAYTON INTL (DAY) 1009 Apt Elev W18A MALSR v For inoperative MALSR, increase LNAV Cat D visibility to RVR 6000. For MISSED APPROACH: Climb to uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C 3000 direct GUPNE and via ASR (2°F) or above 46°C (114°F). DME/DME RNP-0.3 NA. track 253° to CAMMS and hold. **ATIS** DAYTON APP CON DAYTON TOWER GND CON CLNC DEL 134.45 352.05 119.9 257.8 121.75 125,8 121.9 ₽₽ ROSEWOOD (IAF) Procedure NA for arrival KİRON ROD at ROD VORTAC on airway radials 207 CW 273. 3000 239° (10) 2600 183° (5.5) Δ 1635 (IF) (IAF) Procedure NA for arrival SEBRE 2600 GILPE 0929 at DQN VOR/DME on (5)airway radials 359 CW 085. 2600 **183°** (6.2) DAYTON 1164 DQN (FAF) -WALMA 1154 ∧¹²¹⁵ 1159 1055± MISSED APCH FIX RW18 15A RW 18 25 Ny $\Lambda^{1080\pm}$ 3100 1163 1163 \Diamond 4NM ELEV 1009 253° D 183° **GUPNE** to RW18 3000 GUPNE CAMMS Procedure TRK **TDZE** Turn NA 253° Δ 995 WALMA **GILPE** * LNAV only *1.2 NM 183° 2600 to RW18 **RW18** 2600 GS 3.00° TCH 55 1151 36 1.2 NM 3.6 NM 6.2 NM **∧**1068± **∧**% 1067± CATEGORY В D LPV 1195/24 DA 200 (200-1/2) LNAV/ DA 1405/50 410 (400-1) VNAV 1420/40 1420/50 1420/24 425 (500-1/2) LNAV MDA 425 (500-3/4) 425 (500-1) HIRL all Rwys 1560-11/2 1560-2 TDZ/CL Rwy 6L CIRCLING 1560-1 551 (600-1) REIL Rwys 6R and 36 551 (600-11/2) 551 (600-2)

DAYTON, OHIO Amdt 1 10154

EC-2, 23 SEP 2010 to 21 OCT 2010

DAYTON/JAMES M. COX DAYTON INTL (DAY)

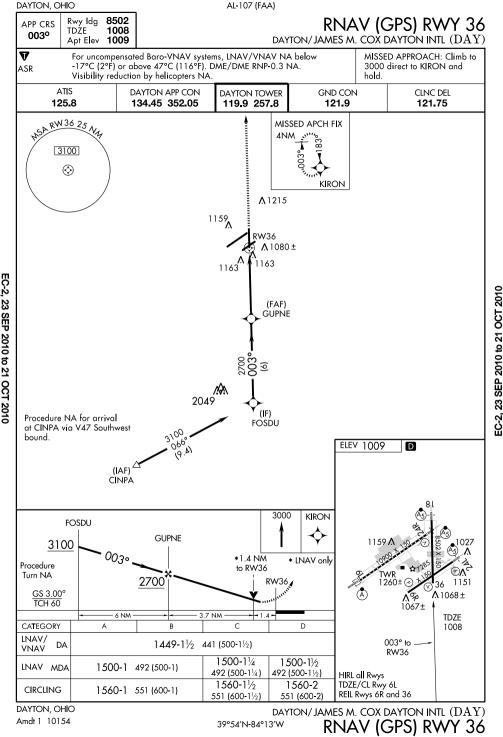


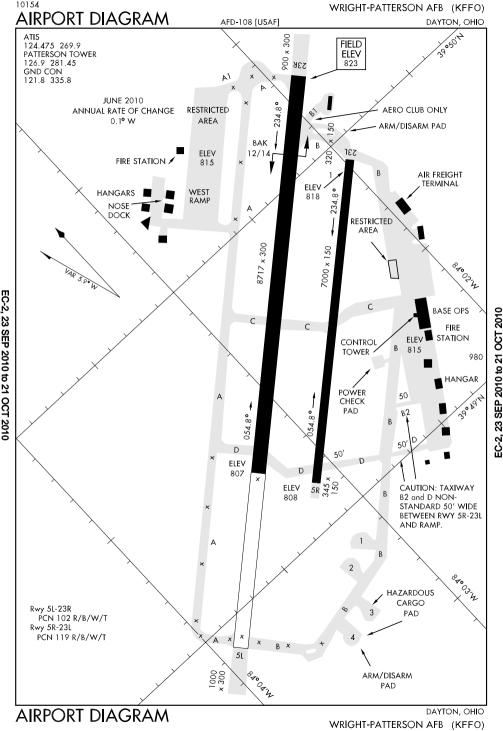
WAAS 10900 RNAV (GPS) RWY 24R APP CRS Rwy Idg CH 66013 997 TDŹE 239° DAYTON/JAMES M. COX DAYTON INTL (DAY) Apt Elev 1009 **W24B** MALSR V For uncompensated Baro-VNAV systems, LNAV/VNAV MISSED APPROACH: Climb to 3000 NA below -17°C (2°F) or above 46°C (114°F). direct ZUXOT and via track 236° to ASR (Å5) DME/DME RNP-0.3 NA. ALIAS and hold. ATIS DAYTON APP CON DAYTON TOWER **GND CON** CLNC DEL 125.8 134.45 352.05 119.9 257.8 121.9 121.75 Procedure NA for arrival **ROSEWOOD** at ROD VORTAC via ROD 1635 V47 Northeast bound (IAF) BONEE (IF) DEDVE (FAF) 62) Procedure NA for arrivals HABNU at BONEE via V12 East 1215 bound. 1055 1159 **∧** 1080 ± unun 236 munun dist ZUXOT SARW24R 2514 1163 MISSED APCH FIX 1163 3100 \bigcirc ELEV 1009 D 3000 Procedure ZUXOT ALIAS 239° to TDZE Turn NA RW24R TRK 997 **DEDVE** BONEE 236° *LNAV only 240° 3000 HABNU *1.2 NM to RW24R 3000 RW24R GS 3.00° 2600 TCH 55 -1.2 NM --- 3.6 NM --6.2 NM - 3.8 NM **^**1068 ± CATEGORY В C D **^%** 1067± LPV DA 1197/24 200 (200-1/2) LNAV/ DA 1364/40 367 (400-3/4) VNAV 1440/50 1440/40 **LNAV MDA** 1440/24 443 (500-1/2) 443 (500-3/4) 443 (500-1) HIRL all Rwys 1560-11/2 1560-2 TDZE/CL Rwy 6L REIL Rwys 6R and 36 CIRCLING 1560-1 551 (600-1) 551 (600-11/2) 551 (600-2) DAYTON, OHIO DAYTON/JAMES M. COX DAYTON INTL (DAY) Amdt 1 10154 39°54′N-84°13′W RNAV (GPS)

EC-2, 23 SEP 2010 to 21 OCT 2010

AL-107 (FAA)

DAYTON, OHIO





OHIO WRIGHT PATTERSON AFB (FFO) (KFFO) AF (AFRC) 8 NE

RWY 05R-23L: H7000X150 (ASPH) PNC 119 R/B/W/T MIRL RWY 05R: PAPI(P4L). RWY 23L: PAPI(P4L). RUNWAY DECLARED DISTANCE INFORMATION RWY 05L: TORA-12601 TODA-12601

ARRESTING GEAR/SYSTEM

RWY 05L-23R: H8717X300 (PEM-GRVD)

RWY 05L: PAPI(P4L)—GA 3.0° TCH 50'.

823 B TPA—See Remarks

270

RWY 05R: TORA-7000 TODA-7000 RWY 23L: TORA-7000 TODA-7000 RWY 23R: TORA-12601 TODA-12601

NOTAM FILE FEO.

PCN 102 R/B/W/T

BAK-14 BAK-12B(B) (1740') RWY 23R

TRAN ALERT Opr 1000-0500Z±.

UTC-5(-4DT) N39°49.56' W84°02.77' CHICAGO

H-10G I-27F

DIAP. AD

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L-29A

MILITARY SERVICE: A-GEAR Rwy 05L-23R south end arresting gear located 864' s of dsplcd thld. JASU 9(A/M32A-86) 1(MC-1A) 4(AM32-95) (8)(A/M32A-60A)

FUEL J8 FLUID SP PRESAIR LHOX LOX OIL 0-148-156 SOAP Avbl weekdays 1200-2130Z‡ except Federal holiday.

Not insp.

HIRL

RWY 23R: ALSF1. PAPI(P4R)-GA 3.0° TCH 50'. Rgt tfc.

avbl other times with 24 hr prior notice to Base OPS. Fleet svc avbl 2 hr prior notice. Payment rgr by Aycard. MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Remarks, RSTD Aerodrome PPR, Ctc Base Ops DSN 787-2131. C937-257-2131. All dep acft fly rwy heading until 1800' unless twr approves otherwise. Inbound acft with VIP ctc Base OPS on PTD 30 minutes prior to arrival. Arm/de-arm area S end Twy B clsd. Portion of Twy A located NE of the south entrance to the W Ramp is permanently clsd. Twy A1 entrance to the W Ramp is permanently clsd. CAUTION Bird Watch Condition Phase I (Nov-Jun) indicates lgt bird activity. Phase II (Jul-Oct) indicates heavy bird activity normally associated with migratory season. Portions of the flameout and overhead tfc pat not visible from twr. Unlgtd obstructions surround afld. Multiple crane ops 2.7 NM southwest of KFFO, 1171' MSL and blo. TFC PAT TPA-Rectangular tactical/trainer 2800(1977), other turbojet/turboprop 2300(1477), lgt reciprocating

engine acft (12,500 lb or blo gross weight) 1800(977), overhead 2800(1977). CSTMS/AG/IMG Ltd CSTMS avbl. 24 hr prior notice for CSTMS requests. Call DSN: 787-2131 COM: 937-257-2131. MISC Base OPS DSN 787-2131, C937-257-2131. Expect dep from Rwy 23 R at Twy B intersection 11600' avbl. if full length rgr. request back-taxi from twr. Standard RSRS applied. Twy B from north of the restricted area to apch end of Rwy 23L clsd to acft except C-130 and C-17. AFRC 445 AW opr Mon-Fri and training weekend 1200-0330Z‡. COMMUNICATIONS: ATIS 124.475 269.9 PTD 122.85 372.2 (R) DAYTON APP CON 126.5 327.1 (091°-180°) 118.85 127.225 PATTERSON TOWER 126.9 281.45 GND CON 121.8 335.8 (R) DAYTON DEP CON 126.5 327.1 (091°-180°) 445A W AFRC COMD POST (BUCKEYE CON) 349.4 PMSV METRO 344.6 (Tran aircrews ctc 15th OWS for weather briefing DSN 576-9755, C618-256-9755, Reported prevailing visibility may not represent entire afld due to

obstruction from observation point; observation point obstruction from 050°-210°. Touchdown visibility not visibility.) AIRSPACE: CLASS D svc continuous other times CLASS E. RADIO AIDS TO NAVIGATION: NOTAM FILE FFO.

SPRINGFIELD (T) VORW/DME 113.2 SGH PATTERSON (T) TACAN Chan 99 FFO (115.2) ILS 109.7 I-FAE Rwy 05L. Glids slope not avbl.

obstruction. ATC will enhance sfc observation when visibility less than 4 SM and different from reported Chan 79 N39°50.19' W83°50.70'

N39°49.14' W84°03.33' at fld. 804/4W. ILS 109.7 I-FFO Rwv 23R.

Positive ident of ILS prior to flying apch. WYANDOT CO

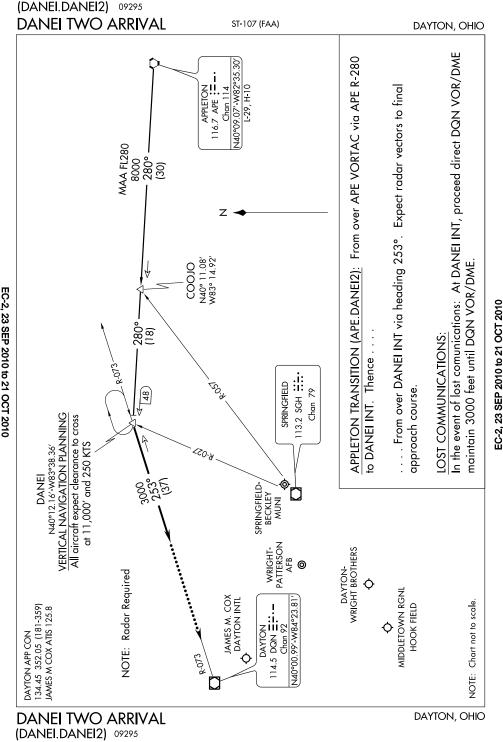
COMM/NAV/WEATHER REMARKS: ILS Rwy 05L and 23R opr on same frequency 109.7, but different ident (I-FAE, I-FFO).

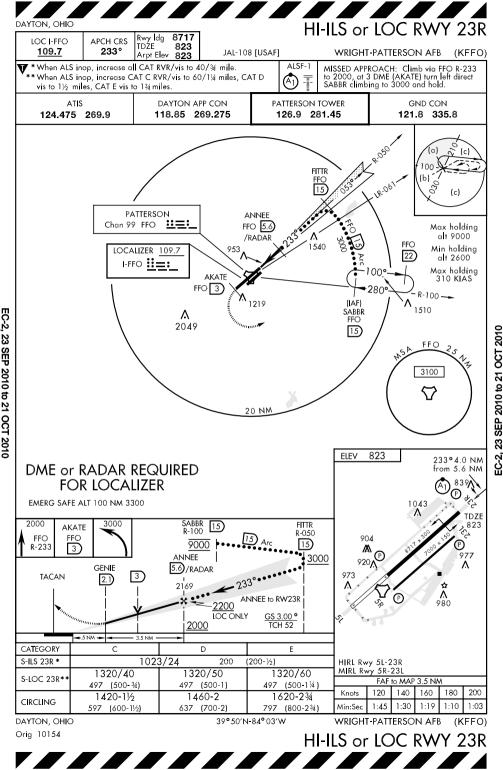
(See UPPER SANDUSKY) WYNKOOP (See MOUNT VERNON)

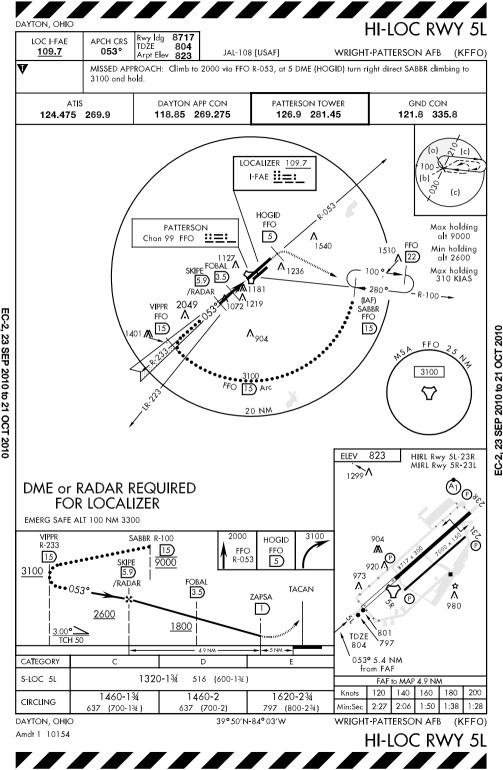
RCO 122 1R 112 5T (DAYTON RADIO)

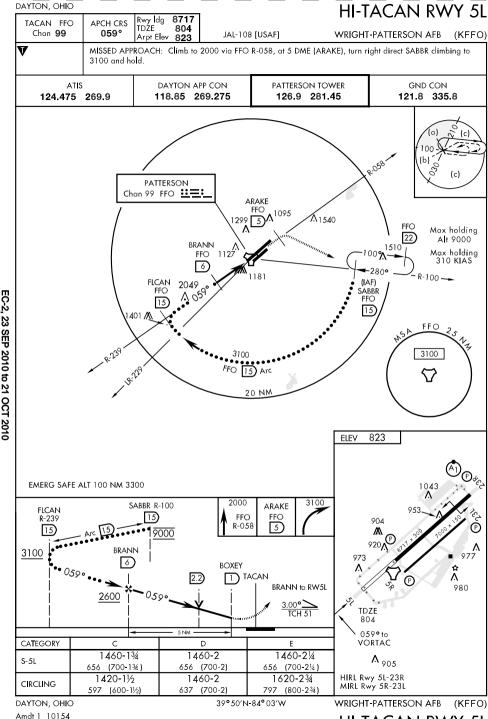
270° 9.3 NM to fld. 1047/4W.

YELLOW BUD N39°31.61′ W82°58.68′ NOTAM FILE DAY. (T) VOR 112.5 XUB at Pickaway Co Meml.



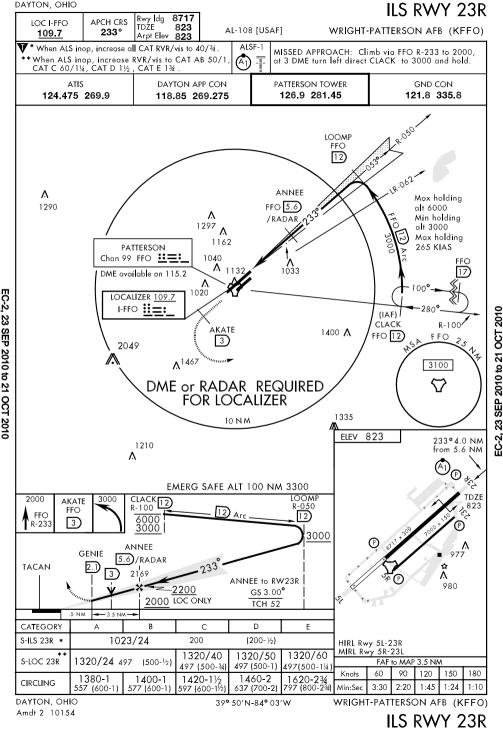


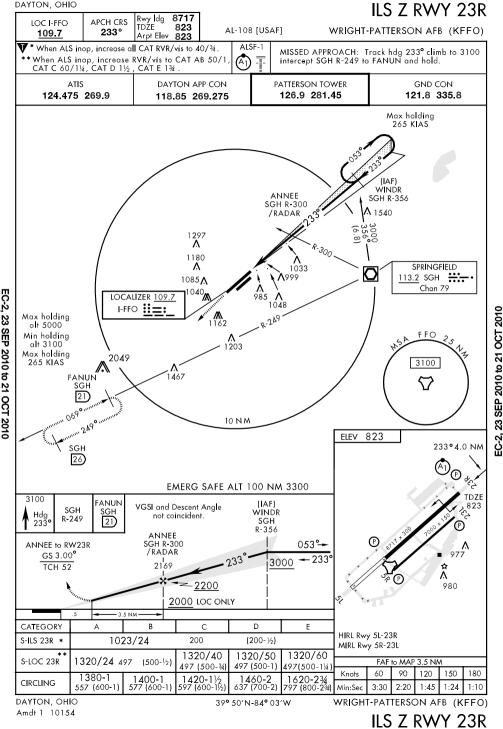


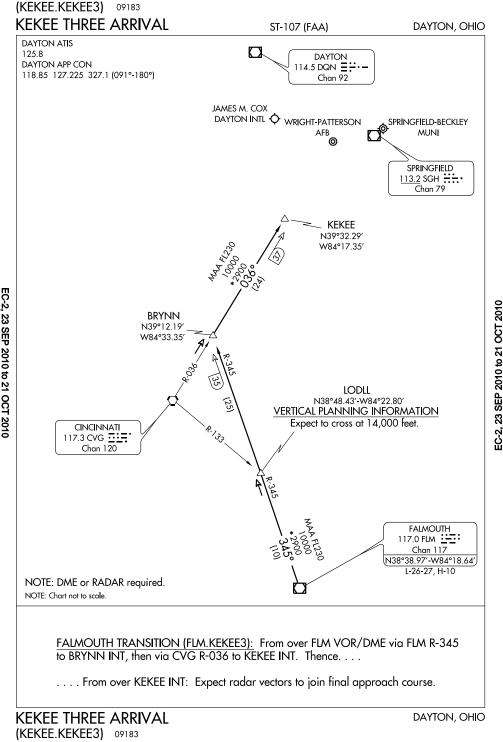


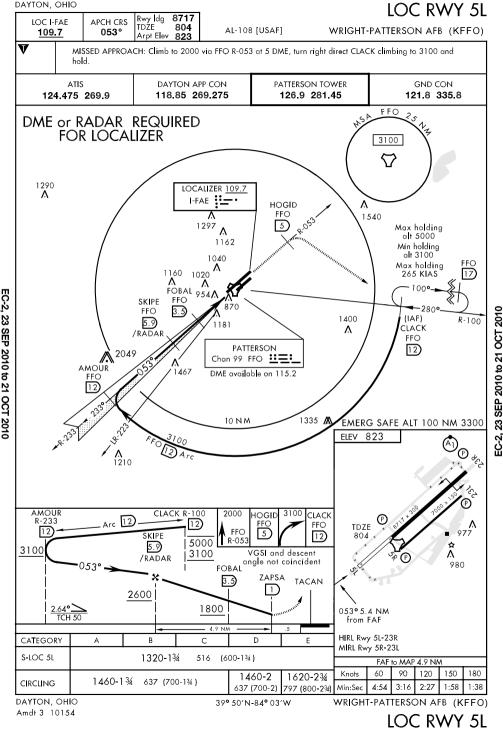
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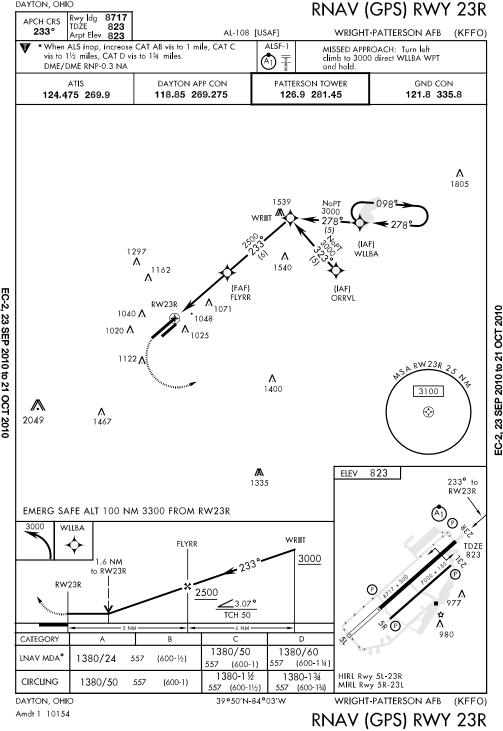
23 SEP 2010 to 21 OCT 2010

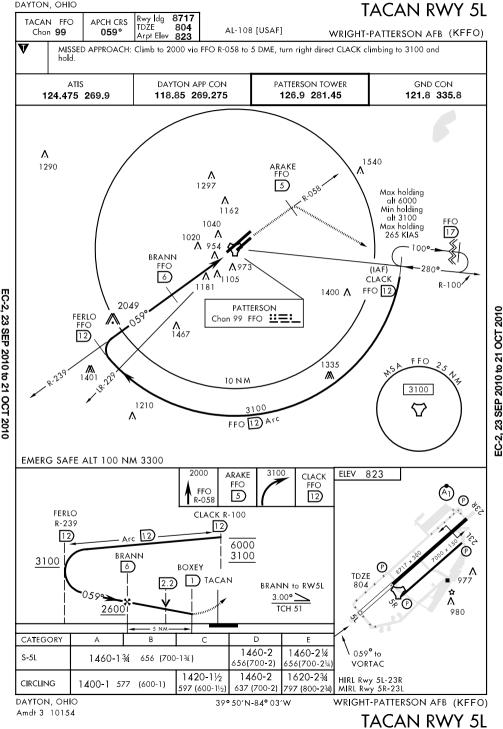


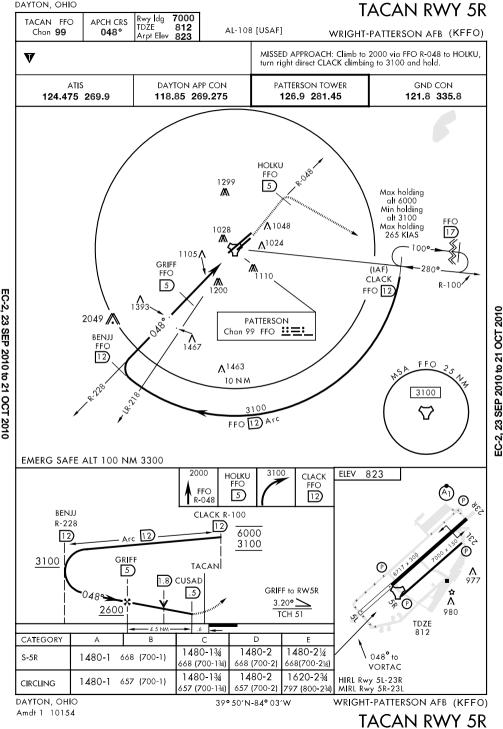


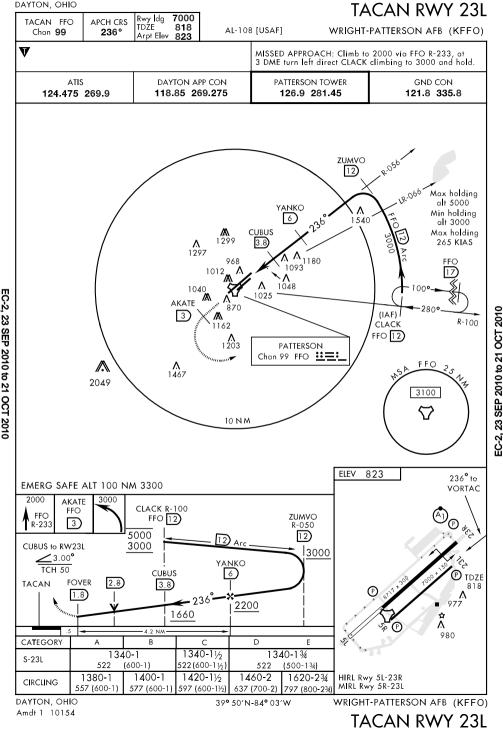


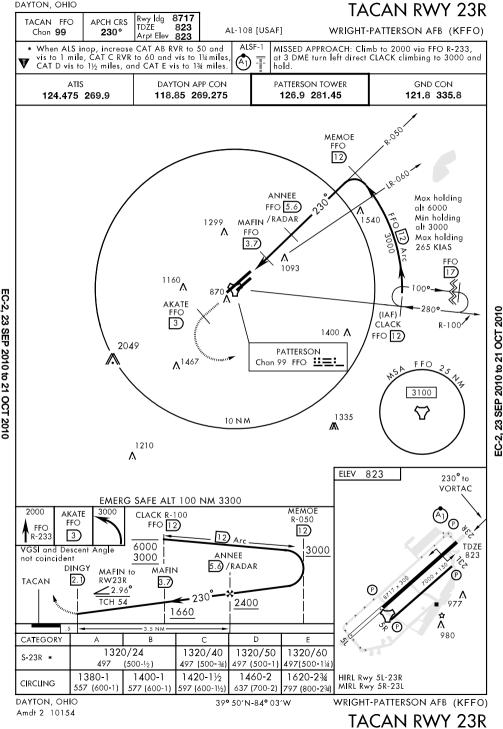












DAYTON N40°00.99' W84°23.81' NOTAM FILE DAY. DETROIT (L) VOR/DME 114.5 DON Chan 92 131° 10.7 NM to H-10G, L-27E James M. Cox Dayton Intl. 990/1W. HIWAS. DME unusable byd 35 NM blo 2900'. RCO 122.1R 114.5T 122.2 122.55 (DAYTON RADIO) DAYTON

OHIO

232

DAHIO TROTWOOD (I44) 7 W UTC-5(-4DT) N39°45.95′ W84°20.60′ CINCINNATI 925 B S5 NOTAM FILE DAY RWY 04-22: H2900X52 (ASPH) S-5 RWY 04: Trees. RWY 22: Trees. AIRPORT REMARKS: Attended irregularly, Ultralights on and invof arpt, PAEW N end ramp and N end Twy A Mon-Fri, Arpt bcn OTS indef.

WEATHER DATA SOURCES: HIWAS 114.5 DON.

COMMUNICATIONS: CTAF/UNICOM 122.8 DAYTON APP/DEP CON 126.5 (091°-180°) DAYTON TRANSPORTATION CENTER HELIPORT (5D7) O N UTC-5(-4DT) CINCINNATI N39°45.50′ W84°11.50′

800 B NOTAM FILE DAY HELIPAD H1: H40X40 (CONC) HELIPORT REMARKS: Unattended. 40' x 40' conc pad within 80' x 60' ldg/tkf area. Maximum ldg weight 4500 lbs. For perimeter lgts and rotating bcn call superintendent of acft ops at 937-454-8299. 24 hrs advance notice for use

reg. Helipad H1 perimeter lgts. WEATHER DATA SOURCES: HIWAS 114.5 DON. COMMUNICATIONS: CTAF 122.9

DAYTON-WRIGHT BROTHERS (MGY) 10 S UTC-5(-4DT) N39°35.34′ W84°13.49′

CINCINNATI FUEL 100LL, JET A OX 1 TPA—1957(1000) NOTAM FILE MGY 957 B S4 H-10G, L-27E RWY 02-20: H5000X100 (ASPH-GRVD) S-50, D-60 MIRL 0.4% up N RWY 20: MALS, VASI(V4L)—GA 3.0° TCH 41', Thid dsplcd 590', Road, RWY 02: PAPI(P2L)—GA 3.0°. Trees. AIRPORT REMARKS: Attended 1300-0200Z‡. Birds and deer on and invof arpt. ACTIVATE MIRL RWY 02-20; MALS Rwy

IAP

IAP

20-CTAF. PAPI Rwy 02 and VASI Rwy 20 ops 24 hrs. WEATHER DATA SOURCES: ASOS 118.375 (937) 885-2171. HIWAS 114.5 DON. COMMUNICATIONS: CTAF/UNICOM 122.8

(R) APP CON 126.5 (091°-180°) 118.85 127.225 (R)DEP CON 126.5 (091°-180°) CLNC DEL 119.4 (937) 454-7282

RADIO AIDS TO NAVIGATIONS: NOTAM FILE FFO. MIDWEST (T) VORW/DME 112.9 MXO Chan 76 N39°25.78′ W83°48.07′ 300° 21.9 NM to fld 1050/4W.

ONIDA NDB (LOM) 223 MW N39°34.69′ W84°19.42′ 086°4.6 NM to fld. NOTAM FILE MGY. Unmonitored.

Chan 32 Rwy 20 LOC only. LOC unusable inside 1.2 NM.

CINCINNATI

GREENE CO-LEWIS A. JACKSON RGNL (119) 10 E UTC-5(-4DT) N39°41.46′ W83°59.52′ S4 FUEL 100LL. JET A+ NOTAM FILE DAY L-27E

RWY 07-25: H4500X75 (ASPH) S-30 LIRL 0.7% up E

RWY 07: REIL, PAPI(P2L)—GA 4.0° TCH 34', Trees. RWY 25: REIL, PAPI(P2L), Trees.

AIRPORT REMARKS: Attended Apr-Oct 1300-0100Z‡; Nov-Mar 1300-2200Z‡. Unattended Christmas, New Years and Thanksgiving Days. Fuel available 24 hrs with credit card. Deer on and invof arpt. PAEW adjacent Rwy 07 SR-SS. REIL Rwy 25 OTS indef. ACTIVATE MIRL Rwy 07-25 PAPI Rwy 25 and REIL Rwy 07 and Rwy 25-CTAF.

WEATHER DATA SOURCES: AWOS-3 118.525 (937) 372-4668. HIWAS 114.5 DQN.

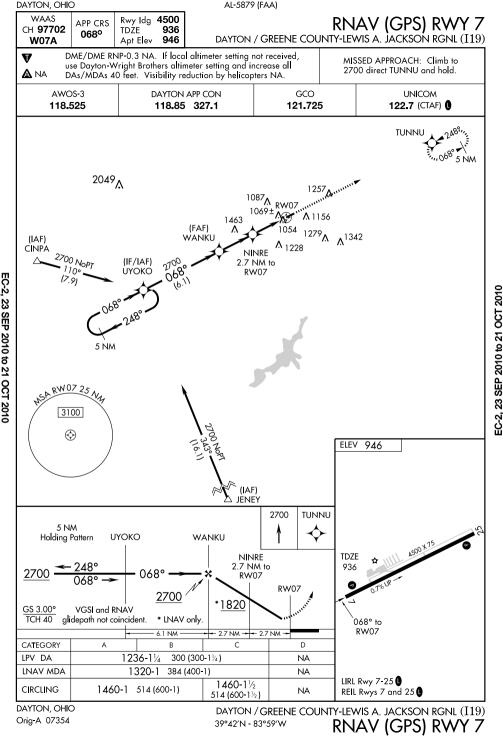
COMMUNICATIONS: CTAF/UNICOM 122.7

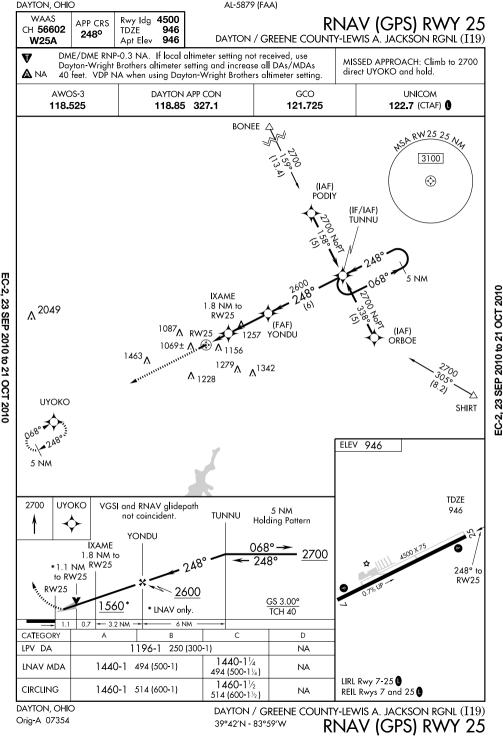
(R) DAYTON APP/DEP CON 126.5 (091°-180°)

GCO 121.725 (DAYTON CLNC)

RADIO AIDS TO NAVIGATION: NOTAM FILE ILN. MIDWEST (T) VORW/DME 112.9 MXQ Chan 76 N39°25.78′ W83°48.07′ 335° 18 NM to fld. 1050/4W.

Unmonitored when twr clsd





DAYTON N40°00.99' W84°23.81' NOTAM FILE DAY. DETROIT (L) VOR/DME 114.5 DON Chan 92 131° 10.7 NM to H-10G, L-27E James M. Cox Dayton Intl. 990/1W. HIWAS. DME unusable byd 35 NM blo 2900'. RCO 122.1R 114.5T 122.2 122.55 (DAYTON RADIO) DAYTON

OHIO

232

DAHIO TROTWOOD (I44) 7 W UTC-5(-4DT) N39°45.95′ W84°20.60′ CINCINNATI 925 B S5 NOTAM FILE DAY RWY 04-22: H2900X52 (ASPH) S-5 RWY 04: Trees. RWY 22: Trees. AIRPORT REMARKS: Attended irregularly, Ultralights on and invof arpt, PAEW N end ramp and N end Twy A Mon-Fri, Arpt bcn OTS indef.

WEATHER DATA SOURCES: HIWAS 114.5 DON.

COMMUNICATIONS: CTAF/UNICOM 122.8 DAYTON APP/DEP CON 126.5 (091°-180°) DAYTON TRANSPORTATION CENTER HELIPORT (5D7) O N UTC-5(-4DT) CINCINNATI N39°45.50′ W84°11.50′

800 B NOTAM FILE DAY HELIPAD H1: H40X40 (CONC) HELIPORT REMARKS: Unattended. 40' x 40' conc pad within 80' x 60' ldg/tkf area. Maximum ldg weight 4500 lbs. For perimeter lgts and rotating bcn call superintendent of acft ops at 937-454-8299. 24 hrs advance notice for use

reg. Helipad H1 perimeter lgts. WEATHER DATA SOURCES: HIWAS 114.5 DON. COMMUNICATIONS: CTAF 122.9

DAYTON-WRIGHT BROTHERS (MGY) 10 S UTC-5(-4DT) N39°35.34′ W84°13.49′

CINCINNATI FUEL 100LL, JET A OX 1 TPA—1957(1000) NOTAM FILE MGY 957 B S4 H-10G, L-27E RWY 02-20: H5000X100 (ASPH-GRVD) S-50, D-60 MIRL 0.4% up N RWY 20: MALS, VASI(V4L)—GA 3.0° TCH 41', Thid dsplcd 590', Road, RWY 02: PAPI(P2L)—GA 3.0°. Trees. AIRPORT REMARKS: Attended 1300-0200Z‡. Birds and deer on and invof arpt. ACTIVATE MIRL RWY 02-20; MALS Rwy

IAP

IAP

20-CTAF. PAPI Rwy 02 and VASI Rwy 20 ops 24 hrs. WEATHER DATA SOURCES: ASOS 118.375 (937) 885-2171. HIWAS 114.5 DON. COMMUNICATIONS: CTAF/UNICOM 122.8

(R) APP CON 126.5 (091°-180°) 118.85 127.225 (R)DEP CON 126.5 (091°-180°) CLNC DEL 119.4 (937) 454-7282

RADIO AIDS TO NAVIGATIONS: NOTAM FILE FFO. MIDWEST (T) VORW/DME 112.9 MXO Chan 76 N39°25.78′ W83°48.07′ 300° 21.9 NM to fld 1050/4W.

ONIDA NDB (LOM) 223 MW N39°34.69′ W84°19.42′ 086°4.6 NM to fld. NOTAM FILE MGY. Unmonitored.

Chan 32 Rwy 20 LOC only. LOC unusable inside 1.2 NM.

CINCINNATI

GREENE CO-LEWIS A. JACKSON RGNL (119) 10 E UTC-5(-4DT) N39°41.46′ W83°59.52′ S4 FUEL 100LL. JET A+ NOTAM FILE DAY L-27E

RWY 07-25: H4500X75 (ASPH) S-30 LIRL 0.7% up E

RWY 07: REIL, PAPI(P2L)—GA 4.0° TCH 34', Trees. RWY 25: REIL, PAPI(P2L), Trees.

AIRPORT REMARKS: Attended Apr-Oct 1300-0100Z‡; Nov-Mar 1300-2200Z‡. Unattended Christmas, New Years and Thanksgiving Days. Fuel available 24 hrs with credit card. Deer on and invof arpt. PAEW adjacent Rwy 07 SR-SS. REIL Rwy 25 OTS indef. ACTIVATE MIRL Rwy 07-25 PAPI Rwy 25 and REIL Rwy 07 and Rwy 25-CTAF.

WEATHER DATA SOURCES: AWOS-3 118.525 (937) 372-4668. HIWAS 114.5 DQN.

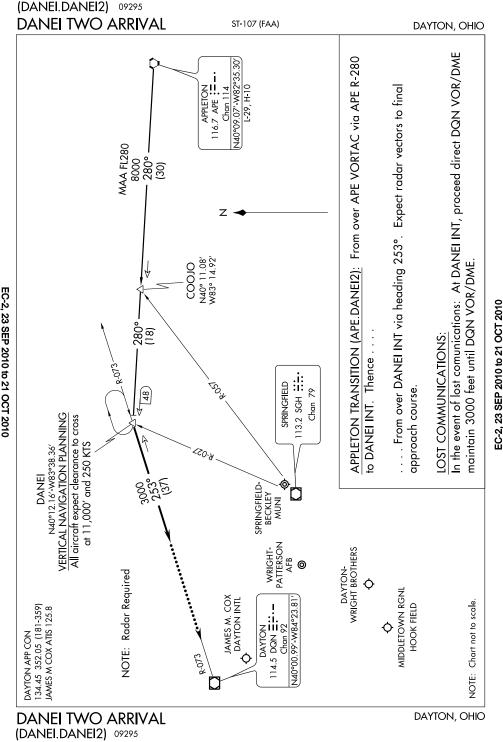
COMMUNICATIONS: CTAF/UNICOM 122.7

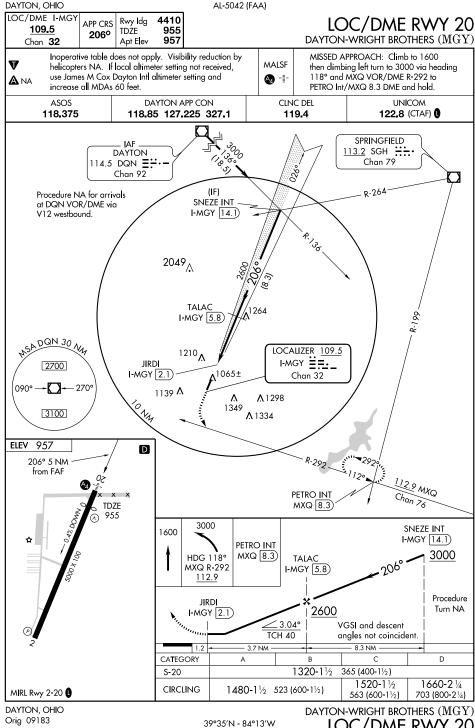
(R) DAYTON APP/DEP CON 126.5 (091°-180°)

GCO 121.725 (DAYTON CLNC)

RADIO AIDS TO NAVIGATION: NOTAM FILE ILN. MIDWEST (T) VORW/DME 112.9 MXQ Chan 76 N39°25.78′ W83°48.07′ 335° 18 NM to fld. 1050/4W.

Unmonitored when twr clsd

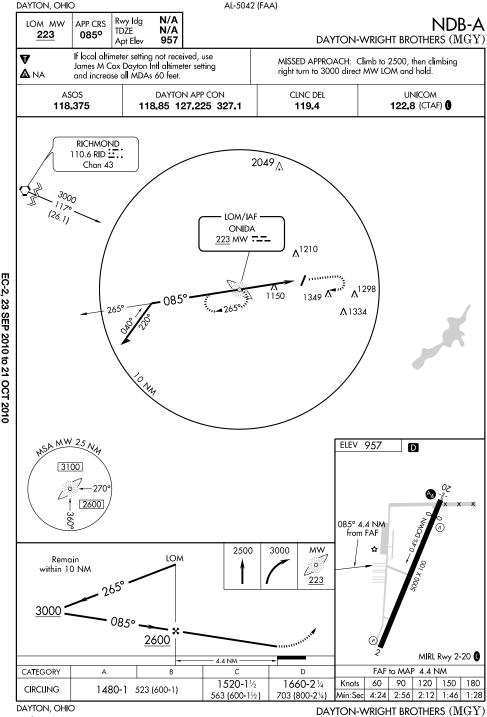




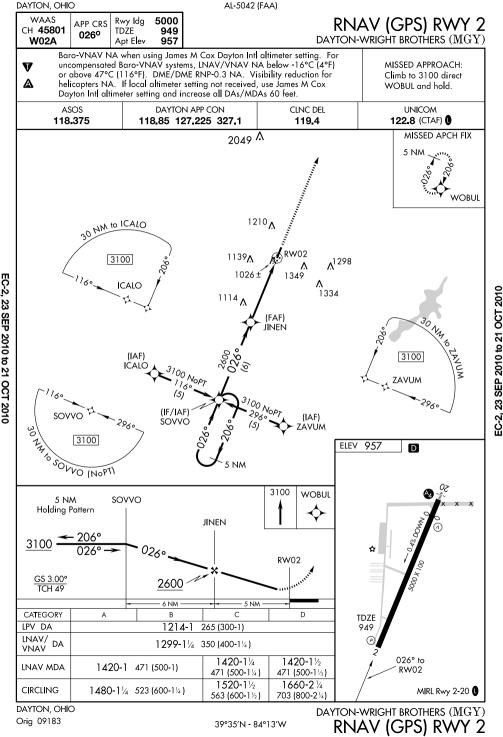
Orig 09183

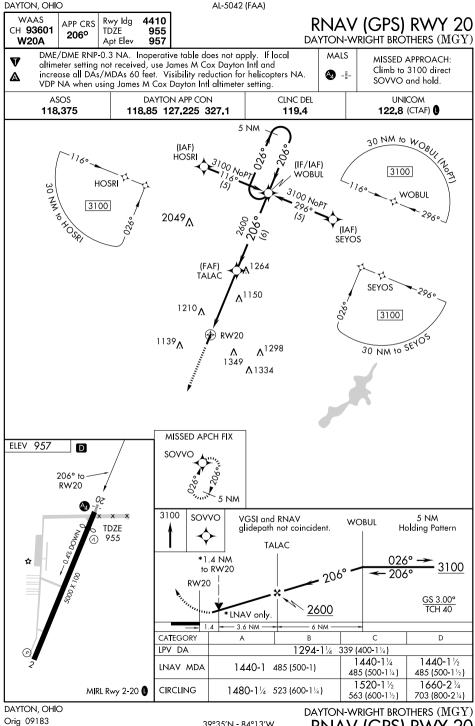
EC-2, 23 SEP 2010 to 21 OCT 2010

/DME RWY 20



Amdt 2 09183





EC-2, 23 SEP 2010 to 21 OCT 2010

AL-5042 (FAA)

39°35′N - 84°13′W RNAV (GPS)

OHIO DEFIANCE MEM (DFI) 4 NW UTC-5(-4DT) N41°20.25′ W84°25.73′

FUEL 100LL. JET A RWY 12-30: H4197X72 (ASPH) MIRL IAP RWY 12: REIL, PAPI(P4L), Trees. RWY 30: REIL, VASI(NSTD), Trees. AIRPORT REMARKS: Attended Mon-Fri 1300-2300Z±. Sat 1300-2200Z±. Sun 1700-2200Z±. Deer on and invof arot. Rwy 30 single box VASI left side of rwy. Rwy 12-30 parallel twy rstd to 5,000 lbs max gross weight. MIRL Rwy 12-30 preset low ints: to increase ints and ACTIVATE REILS Rwv 02 and Rwv 30-CTAF. WEATHER DATA SOURCES: ASOS 121 425 (419) 658-2301 COMMUNICATIONS: CTAF/UNICOM 122.7 (R) TOLEDO APP/DEP CON 134-35 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE WATERVILLE (L) VOR/DME 113.1 VWV Chan 78 N41°27.09′ W83°38.32′ 261° 36.3 NM to fld. 660/2W.

OX 4 NOTAM FILE DEL

NDR (MHW) 246 DEL N41°20 07' W84°25 61' DELAWARE MUNI (DLZ) 3 SW UTC-5(-4DT) N40°16.78' W83°06.89'

234

707 B S4

945 B S4 FUEL 100LL, JET A NOTAM FILE DAY RWY 10-28: H5000X100 (ASPH) S-30, D-55 MIRL RWY 10: REIL. PAPI(P4L)—GA 3.0°. Hill.

AIRPORT REMARKS: Attended 1300-2200Z‡. Deer on and invof arpt. Ultralight tfc remain S of Rwy 10-28 at 400' AGL. Rwv 28 PAPI OTS indef. REIL Rwv 10 OTS indef. ACTIVATE MIRL Rwv 10-28—CTAF.

WEATHER DATA SOURCES: AWOS-3 119.025 (740) 362-4416.

COMMUNICATIONS: CTAF/UNICOM 122.7 (R) COLUMBUS APP/DEP CON 120.2

RADIO AIDS TO NAVIGATION: NOTAM FILE DAY APPLETON (H) VORTAC 116.7 APE Chan 114 N40°09.06' W82°35.30' 294° 25.4 NM to fld. 1350/6W. HIWAS.

DESHLER MUNI LANDING STRIP (6D7) 706 NOTAM FILE CLE

RWY 09-27: 2480X70 (TURF) RWY 09: Thid dspicd 740'. Trees. RWY 05-23: 1725X60 (TURF)

Rwy 09 dsplcd thld marked with cones.

RWY 05: Thid dspicd 410'. Bldg. AIRPORT REMARKS: Unattended, Birds and deer on and invof arpt, Rwy 05-23 dsplcd thids marked with yellow cones. COMMUNICATIONS: CTAF 122 9

DON SCOTT N40°04.82' W83°04.73' NOTAM FILE OSU. NDB (MHW) 348 DKG at Ohio State University, Unmonitored when twr clsd. SHUTDOWN.

VOR unusable 225°-245° bvd 20 NM blo 3500'.

DRYER N41°21.48′ W82°09.72′ NOTAM FILE CLE

(H) VOR/DME 113.6 DJB Chan 83

RCO 122.1R 113.6T (CLEVELAND RADIO)

NDB (MHW) 215 DLZ N40°16.61′ W83°06.22′ DEPARTMENT OF TRANSPORTATION HELIPORT (See COLUMBUS)

at fld.

RWY 27. Trees

RWY 23: Thid dspicd 90'. Fence.

2 NE

at fld NOTAM FILE DEL

UTC-5(-4DT) N41°12.95′ W83°52.46′

RWY 28: REIL. PAPI(P4L)-GA 3.0°. Trees.

DETROIT

H-10G, L-29A ΙΔΡ

DETROIT

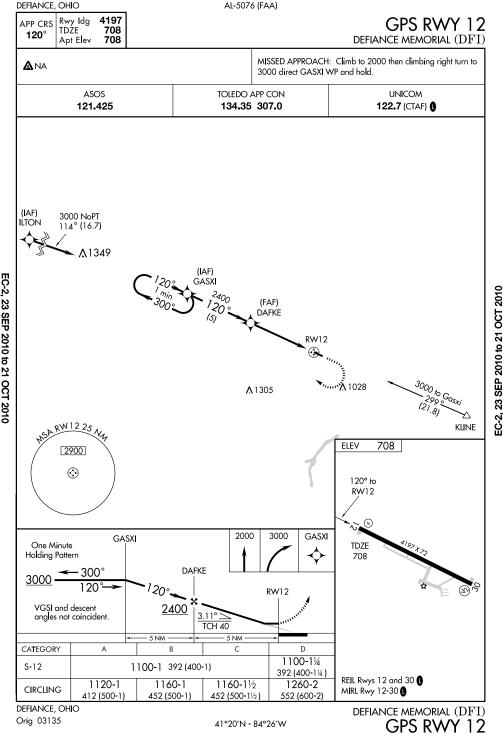
DETROIT

1-281

226° 1.1 NM to Lorain Co Rgnl. 780/5W.

HIWAS.

DETROIT L-29A DETROIT H-10G, L-30G



NDB RWY

OHIO DEFIANCE MEM (DFI) 4 NW UTC-5(-4DT) N41°20.25′ W84°25.73′

FUEL 100LL. JET A RWY 12-30: H4197X72 (ASPH) MIRL IAP RWY 12: REIL, PAPI(P4L), Trees. RWY 30: REIL, VASI(NSTD), Trees. AIRPORT REMARKS: Attended Mon-Fri 1300-2300Z±. Sat 1300-2200Z±. Sun 1700-2200Z±. Deer on and invof arot. Rwy 30 single box VASI left side of rwy. Rwy 12-30 parallel twy rstd to 5,000 lbs max gross weight. MIRL Rwy 12-30 preset low ints: to increase ints and ACTIVATE REILS Rwv 02 and Rwv 30-CTAF. WEATHER DATA SOURCES: ASOS 121 425 (419) 658-2301 COMMUNICATIONS: CTAF/UNICOM 122.7 (R) TOLEDO APP/DEP CON 134-35 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE WATERVILLE (L) VOR/DME 113.1 VWV Chan 78 N41°27.09′ W83°38.32′ 261° 36.3 NM to fld. 660/2W.

OX 4 NOTAM FILE DEL

NDR (MHW) 246 DEL N41°20 07' W84°25 61' DELAWARE MUNI (DLZ) 3 SW UTC-5(-4DT) N40°16.78' W83°06.89'

234

707 B S4

945 B S4 FUEL 100LL, JET A NOTAM FILE DAY RWY 10-28: H5000X100 (ASPH) S-30, D-55 MIRL RWY 10: REIL. PAPI(P4L)—GA 3.0°. Hill.

AIRPORT REMARKS: Attended 1300-2200Z‡. Deer on and invof arpt. Ultralight tfc remain S of Rwy 10-28 at 400' AGL. Rwv 28 PAPI OTS indef. REIL Rwv 10 OTS indef. ACTIVATE MIRL Rwv 10-28—CTAF.

WEATHER DATA SOURCES: AWOS-3 119.025 (740) 362-4416.

COMMUNICATIONS: CTAF/UNICOM 122.7 (R) COLUMBUS APP/DEP CON 120.2

RADIO AIDS TO NAVIGATION: NOTAM FILE DAY APPLETON (H) VORTAC 116.7 APE Chan 114 N40°09.06' W82°35.30' 294° 25.4 NM to fld. 1350/6W. HIWAS.

DESHLER MUNI LANDING STRIP (6D7) 706 NOTAM FILE CLE

RWY 09-27: 2480X70 (TURF) RWY 09: Thid dspicd 740'. Trees. RWY 05-23: 1725X60 (TURF)

Rwy 09 dsplcd thld marked with cones.

RWY 05: Thid dspicd 410'. Bldg. AIRPORT REMARKS: Unattended, Birds and deer on and invof arpt, Rwy 05-23 dsplcd thids marked with yellow cones. COMMUNICATIONS: CTAF 122 9

DON SCOTT N40°04.82' W83°04.73' NOTAM FILE OSU. NDB (MHW) 348 DKG at Ohio State University, Unmonitored when twr clsd. SHUTDOWN.

VOR unusable 225°-245° bvd 20 NM blo 3500'.

DRYER N41°21.48′ W82°09.72′ NOTAM FILE CLE

(H) VOR/DME 113.6 DJB Chan 83

RCO 122.1R 113.6T (CLEVELAND RADIO)

NDB (MHW) 215 DLZ N40°16.61′ W83°06.22′ DEPARTMENT OF TRANSPORTATION HELIPORT (See COLUMBUS)

at fld.

RWY 27. Trees

RWY 23: Thid dspicd 90'. Fence.

2 NE

at fld NOTAM FILE DEL

UTC-5(-4DT) N41°12.95′ W83°52.46′

RWY 28: REIL. PAPI(P4L)-GA 3.0°. Trees.

DETROIT

H-10G, L-29A ΙΔΡ

DETROIT

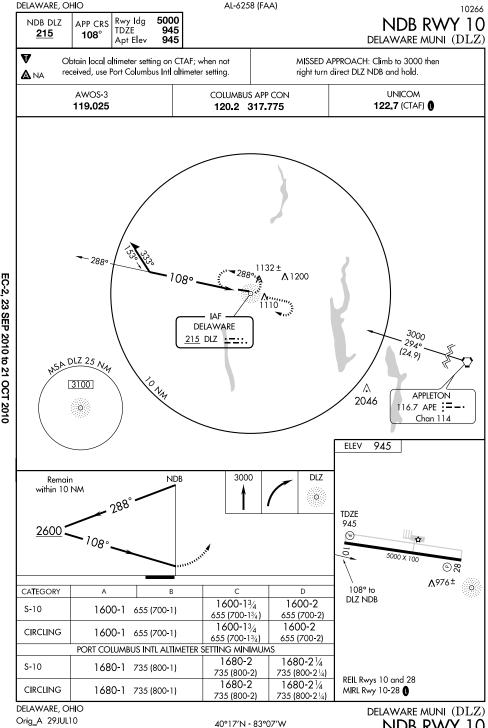
DETROIT

1-281

226° 1.1 NM to Lorain Co Rgnl. 780/5W.

HIWAS.

DETROIT L-29A DETROIT H-10G, L-30G



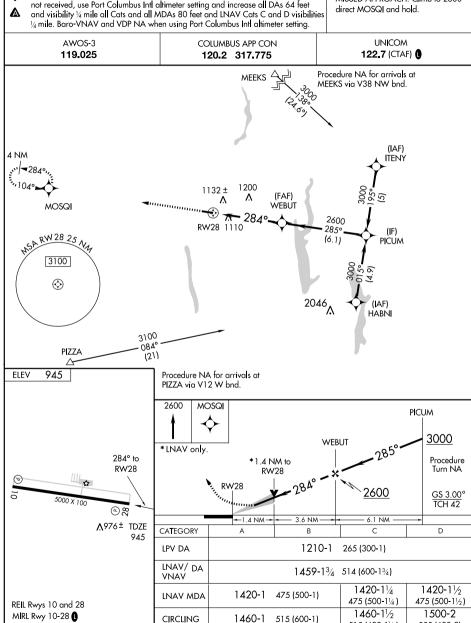
NDB RWY 10

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA. When local altimeter setting

RNAV (GPS) RWY 28 DELAWARE MUNI (DLZ)

MISSED APPROACH: Climb to 2600 direct MOSQI and hold.

EC-2, 23 SEP 2010 to 21 OCT 2010



DELAWARE, OHIO Orig 10266

EC-2, 23 SEP 2010 to 21 OCT 2010

DELAWARE MUNI (DLZ) RNAV (GPS) RW

555 (600-2)

515 (600-11/2)

<u>∠</u>3.04° 5000 X 100 TCH 45 5 NM -15 NM 5 NM @ 8 CATEGORY A976± TDZE 1520-1 1520-13/ 1520-11/4 1520-11/2 945 S-28 575 (600-1) 575 (600-1/4) 575 (600-1/2) 575 (600-1%) 1520-1 1520-2 1520-11/4 1520-11/2 CIRCLING 575 (600-1) 575 (600-11/4) 575 (600-11/2) 575 (600-2) REIL Rwys 10 and 28 PORT COLUMBUS INTL ALTIMETER SETTING MINIMUMS MIRL Rwy 10-28 1580-2 1580-1 1580-11/4 1580-134 S-28 FAF to MAP 5 NM 635 (700-1) 635 (700-11/4) 635 (700-1%) 635 (700-2) Knots 60 90 120 150 180 1580-1 1580-11/4 1580-134 1580-2 CIRCLING 2:00 Min:Sec 5:00 3:20 2:30 1:40 635 (700-1) 635 (700-11/4) 635 (700-1%) 635 (700-2) DELAWARE, OHIO DELAWARE MUNI (DLZ) Orig-A 10266 40°17′N - 83°07′W VOR RWY 28

OHIO 235 **EAST LIVERPOOL** COLUMBIANA CO (Ø2G) 4 NW UTC-5(-4DT) N40°40.40′ W80°38.49′ DETROIT S3 FUEL 100LL NOTAM FILE CLE L-29B RWY 07-25: H3503X75 (ASPH) S-12.5 MIRL 0.5% up NE IAP RWY 25: REIL. PAPI(P4L)-GA 3.0° TCH 26'. RWY 07: Trees. €3 Trees. AIRPORT REMARKS: Attended 1300Z‡-dusk. Arpt unattended all major €3 holidays. PAEW between twy and rwy. PAEW invof twy and ramp. Twy marked with reflectors. ACTIVATE MIRL Rwy 07-25, PAPI Rwy 25 and REIL Rwy 25-CTAF. COMMUNICATIONS: CTAF/UNICOM 123 O (R) PITTSBURGH APP/DEP CON 124.75 RADIO AIDS TO NAVIGATION: NOTAM FILE AOO. ELLWOOD CITY (H) VORTAC 115.8 EWC Chan 105 N40°49.51' W80°12.69' 253° 21.6 NM to fld. 1227/08W. VOR unusable 090°-140° and 310°-335° €3 €3 EDDIE DEW MEML AIRPARK (See TORONTO)

ELLIOTTS LANDING (See MOUNT VICTORY)

ELYRIA (1G1) 2 S UTC-5(-4DT) N41°19.89' W82°06.02'

758 FUEL 100LL NOTAM FILE CLE RWY 09-27: H3053X48 (ASPH) LIRL

RWY 27: Tree. RWY 09: Tree. AIRPORT REMARKS: Unattended. Fuel avbl 24 hrs with credit card. COMMUNICATIONS: CTAF/UNICOM 122.8 (R) CLEVELAND APP/DEP CON 126.35 CLNC DEL 125.7

RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. DRYER (H) VOR/DME 113.6 DJB Chan 83 N41°21.48' W82°09.72' 125° 3.2 NM to fld. 780/5W. HIWAS

COMM/NAV/WEATHER REMARKS: For IFR clearance ctc Cleveland apch control at 216-898-2040.

DETROIT L-30G IAP cs 3053 X 48 €3

DETROIT

(See LANCASTER)

FAIRFIELD CO

FAYETTE CO

(See WASHINGTON COURT HOUSE)

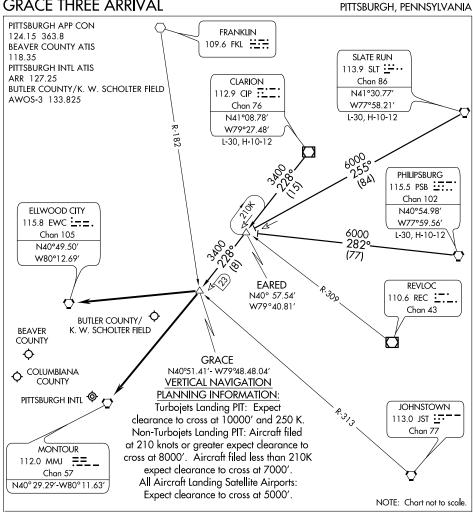
FETCH N41°12.03′ W80°35.77′ NOTAM FILE YNG.

NDB (LOM) 338 YN 322° 5.1 NM to Youngstown-Warren Rgnl. Unmonitored. LOM unusable byd 10 NM.

(CUTTA.CUTTA2) 10154 CUTTA TWO ARRIVAL ST-570 (FAA) PITTSBURGH, PENNSYLVANIA PITTSBURGH APP CON YOUNGSTOWN **CUTTA** 121.25 337.4 109.0 YNG =:-N40°52.58′-W80°38.59′ BEAVER COUNTY ATIS TURBOJET VERTICAL NAVIGATION 118.35 Chan 27 PITTSBURGH INTL ATIS PLANNING INFORMATION N41°19 86' APR 127.25 W80°40.48' PIT WEST FLOW: **BUTLER COUNTY/** Expect clearance to cross at 10,000' L-30, H-10 KW SCHOLTER FIELD PIT EAST FLOW: AWOS-3 133.825 Expect clearance to cross at 10,000' and at 250 KTS 3000 **ELLWOOD CITY** 115.8 EWC :--=. **AKRON** Chan 105 114.4 ACO :--N40°49.50′ Chan 91 W80°12.69' N41°06.47' W81°12.09' L-30, H-10 V40 3000 R-182 081 HADJI (37) BUTLER COUNTY/ **BEAVER** N40°47.08′ NE-4, 23 SEP 2010 to 21 OCT 2010 COUNTY K W SCHOLTER W80°38.22' LOCALIZER 109.3 COLUMBIANA COUNTY I-BVI **∷**::: **BRIGGS** 112.4 BSV Chan 71 PITTSBURGH INTL N40°44.44' W81°25.93' L-29, H-10 NOTE: The BSV transition is for low altitude MONTOUR use of 8000 feet and below. 112.0 MMJ == Chan 57 N40°29.29′-W80°11.63′ NOTE: Chart not to scale. AKRON TRANSTION (ACO.CUTTA2): From over ACO VOR/DME via ACO R-123 to CUTTA INT. Thence. . . . BRIGGS TRANSITION (BSV.CUTTA2): From over BSV VOR/DME via BSV R-081 to CUTTA INT. Thence. . . . YOUNGSTOWN TRANSITION (YNG.CUTTA2): From over YNG VORTAC via YNG R-182 to CUTTA INT. Thence. From over CUTTA INT:

PIT arrivals expect radar vectors. BVI (EAST FLOW) direct HADJI (WEST FLOW) direct EWC

BTP and 02G direct EWC



ARRIVAL DESCRIPTION

CLARION TRANSITION (CIP.GRACE3): From over CIP VOR/DME via CIP R-228 to GRACE INT. Thence....

PHILIPSBURG TRANSITION (PSB.GRACE3): From over PSB VORTAC via PSB R-282 to EARED INT, then via CIP R-228 to GRACE INT. Thence....

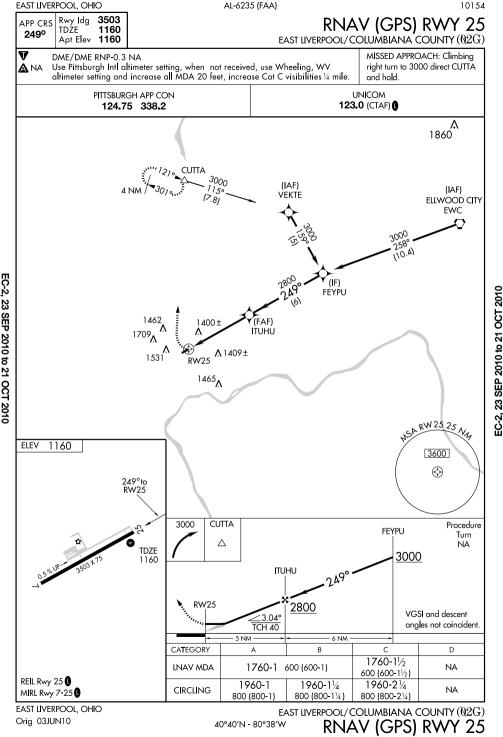
SLATE RUN TRANSITION (SLT.GRACE3): From over SLT VORTAC via SLT R-255 to EARED INT, then via CIP R-228 to GRACE INT. Thence....

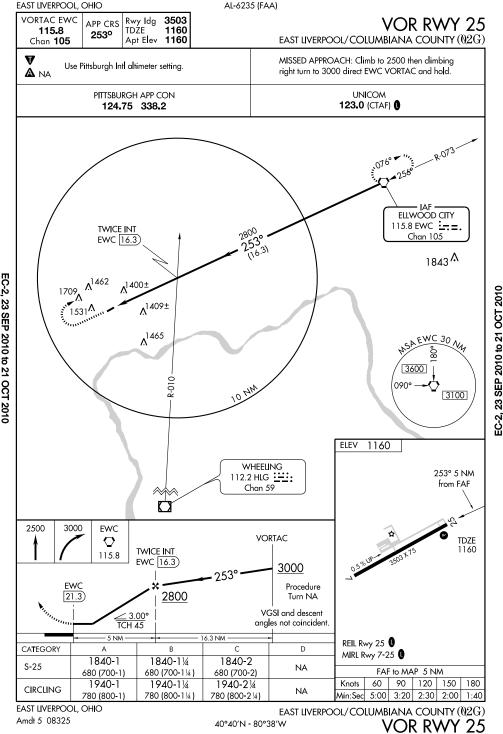
....From over GRACE INT:

Direct MMJ, direct Pittsburgh Intl. Expect vectors after GRACE INT. Direct EWC, direct Beaver County.

Direct EWC, direct Bulter County/K. W. Scholter Field. Direct EWC, direct Columbiana County.

GRACE THREE ARRIVAL (GRACE.GRACE3) 10154





OHIO 235 **EAST LIVERPOOL** COLUMBIANA CO (Ø2G) 4 NW UTC-5(-4DT) N40°40.40′ W80°38.49′ DETROIT S3 FUEL 100LL NOTAM FILE CLE L-29B RWY 07-25: H3503X75 (ASPH) S-12.5 MIRL 0.5% up NE IAP RWY 25: REIL. PAPI(P4L)-GA 3.0° TCH 26'. RWY 07: Trees. €3 Trees. AIRPORT REMARKS: Attended 1300Z‡-dusk. Arpt unattended all major €3 holidays. PAEW between twy and rwy. PAEW invof twy and ramp. Twy marked with reflectors. ACTIVATE MIRL Rwy 07-25, PAPI Rwy 25 and REIL Rwy 25-CTAF. COMMUNICATIONS: CTAF/UNICOM 123 O (R) PITTSBURGH APP/DEP CON 124.75 RADIO AIDS TO NAVIGATION: NOTAM FILE AOO. ELLWOOD CITY (H) VORTAC 115.8 EWC Chan 105 N40°49.51' W80°12.69' 253° 21.6 NM to fld. 1227/08W. VOR unusable 090°-140° and 310°-335° €3 €3 EDDIE DEW MEML AIRPARK (See TORONTO)

ELLIOTTS LANDING (See MOUNT VICTORY)

ELYRIA (1G1) 2 S UTC-5(-4DT) N41°19.89' W82°06.02'

758 FUEL 100LL NOTAM FILE CLE RWY 09-27: H3053X48 (ASPH) LIRL

RWY 27: Tree. RWY 09: Tree. AIRPORT REMARKS: Unattended. Fuel avbl 24 hrs with credit card. COMMUNICATIONS: CTAF/UNICOM 122.8 (R) CLEVELAND APP/DEP CON 126.35 CLNC DEL 125.7

RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. DRYER (H) VOR/DME 113.6 DJB Chan 83 N41°21.48' W82°09.72' 125° 3.2 NM to fld. 780/5W. HIWAS

COMM/NAV/WEATHER REMARKS: For IFR clearance ctc Cleveland apch control at 216-898-2040.

DETROIT L-30G IAP cs 3053 X 48 €3

DETROIT

(See LANCASTER)

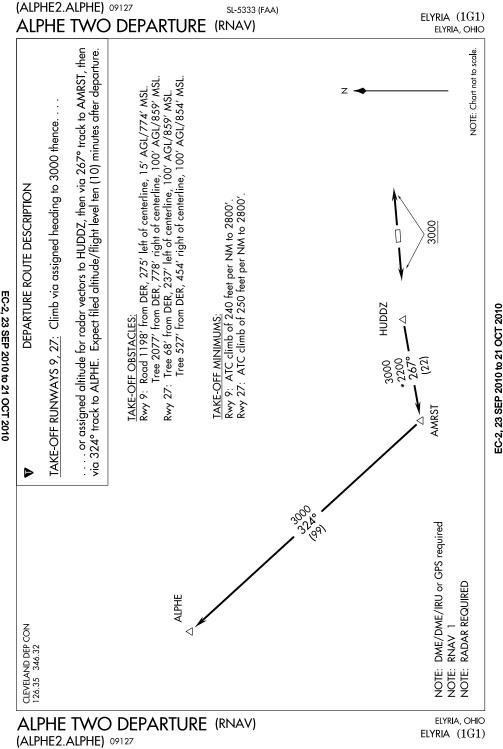
FAIRFIELD CO

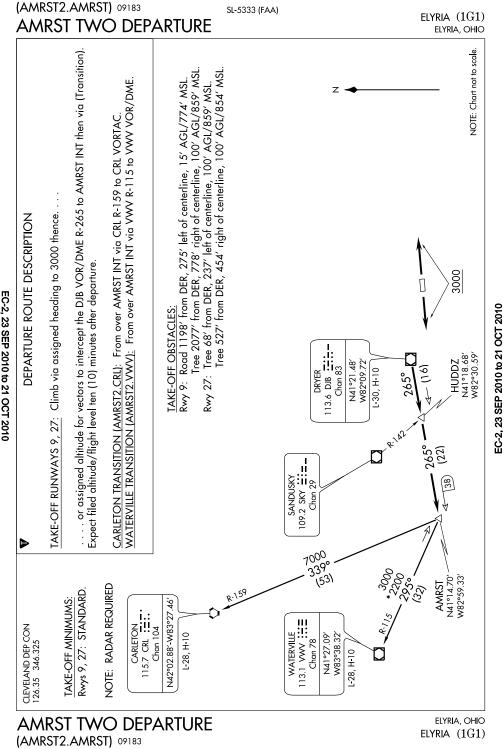
FAYETTE CO

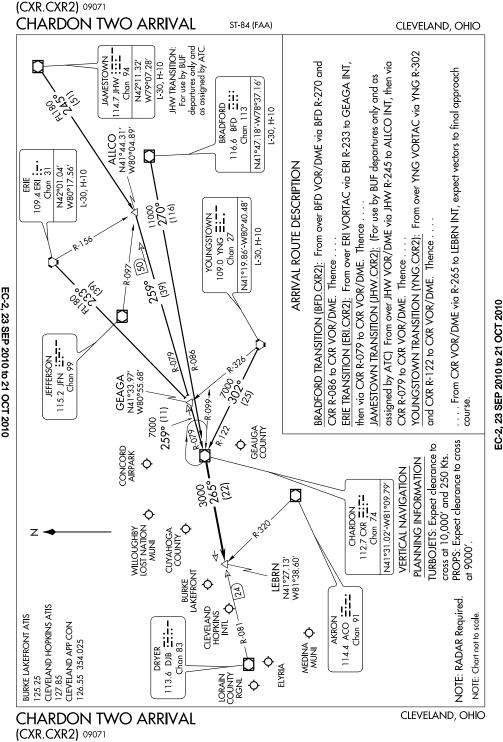
(See WASHINGTON COURT HOUSE)

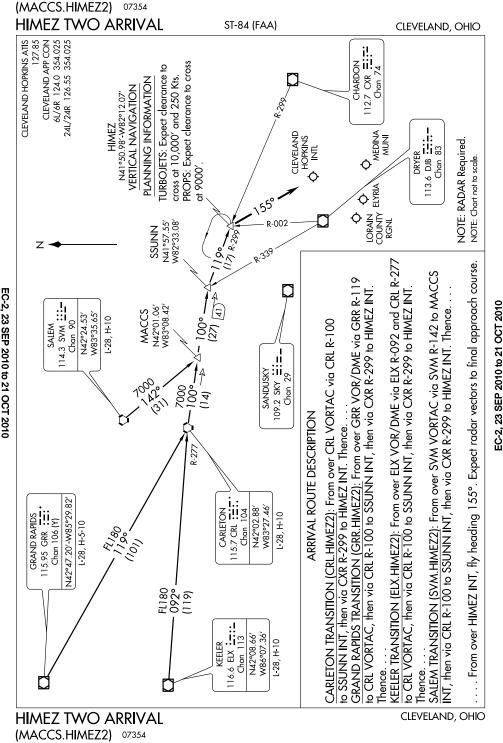
FETCH N41°12.03′ W80°35.77′ NOTAM FILE YNG.

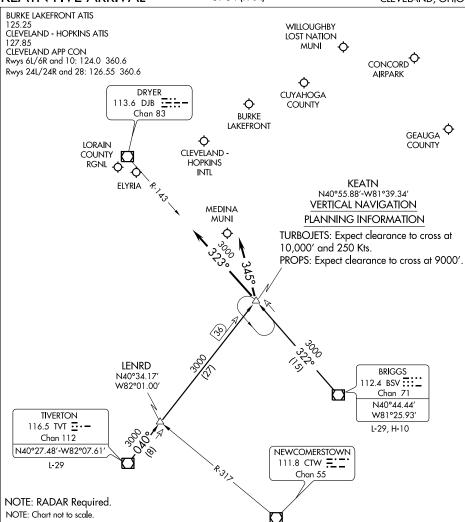
NDB (LOM) 338 YN 322° 5.1 NM to Youngstown-Warren Rgnl. Unmonitored. LOM unusable byd 10 NM.











ARRIVAL ROUTE DESCRIPTION

BRIGGS TRANSITION (BSV.KEATN5): From over BSV VOR/DME via BSV R-322 to KEATN INT.

TIVERTON TRANSITION (TVT.KEATNS): From over TVT VOR/DME via TVT R-040 to KEATN INT.

Thence. . . .

EC-2, 23 SEP 2010 to 21 OCT 2010

LANDING CLE RWY 24L/R and 28: Depart KEATN INT heading 345°. Expect radar vectors to

final approach course.

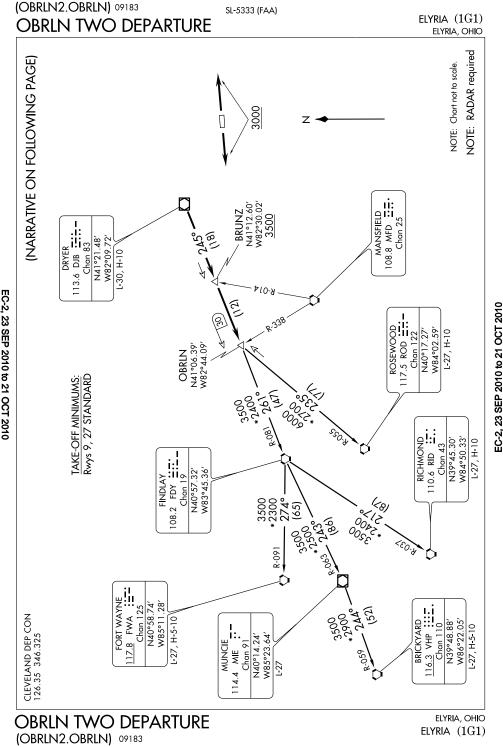
LANDING CLE RWY 6L/R and 10: . . . Depart KEATN INT via DJB R-143 to DJB VOR/DME.

Expect radar vectors to final approach course.

LANDING ALL OTHER AIRPORTS: From KEATN INT expect radar vectors to final approach course.

KEATN FIVE ARRIVAL (KEATN.KEATN5) 10266

CLEVELAND, OHIO



V

EC-2, 23 SEP 2010 to 21 OCT 2010

EC-2, 23 SEI

OBRLN TWO DEPARTURE

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAYS 9, 27: Climb via assigned heading to 3000 thence. . . .

. . . . or assigned altitude for vectors to intercept DJB VOR/DME R-245, cross BRUNZ

INT at or above 3500 then proceed to OBRLN INT then via (transition). Expect filed altitude/flight level ten (10) minutes after departure.

BRICKYARD TRANSITION (OBRLN2.VHP): From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-243 and MIE R-063 to MIE VOR/DME, then via MIE R-244 and VHP R-059 to VHP VORTAC.

FORT WAYNE TRANSITION (OBRLN2.FWA): (For use by Fort Wayne arrivals only and ATC use as assigned.) From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-274 and FWA R-091 to FWA VORTAC

FDY R-274 and FWA R-091 to FWA VORTAC.

MUNCIE TRANSITION (OBRLN2.MIE): (For use by Indianapolis arrivals only and ATC use as assigned). From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-243 and

<u>RICHMOND TRANSITION (OBRLN2.RID):</u> From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-217 and RID R-037 to RID VORTAC.

<u>ROSEWOOD TRANSITION (OBRLN2.ROD):</u> (For use at or below FL220 only and ATC use as

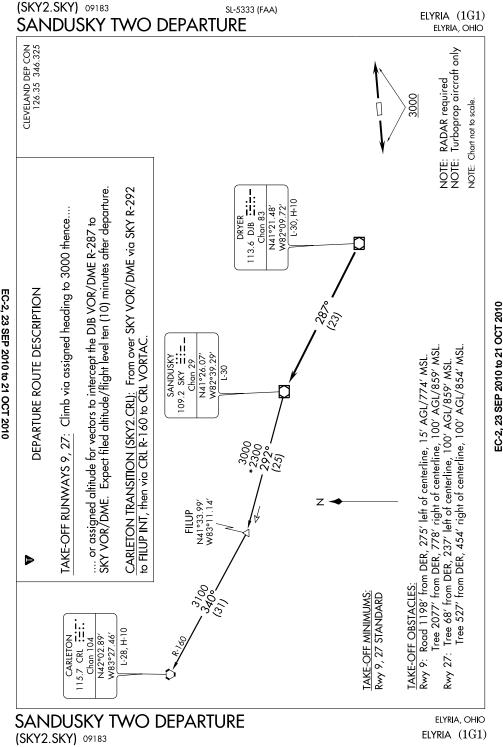
<u>ROSEWOOD TRANSITION (OBRLN2.ROD):</u> (For use at or below FL220 only and ATC use as assigned). From over OBRLN INT via ROD R-055 to ROD VORTAC.

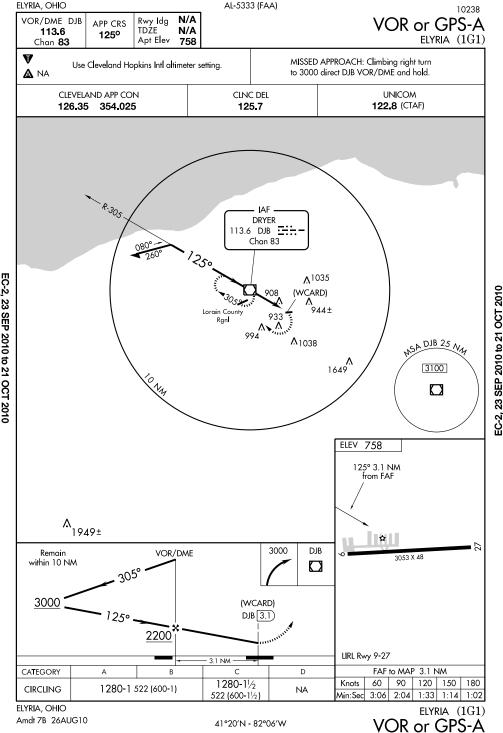
TAKE-OFF OBSTACLES:

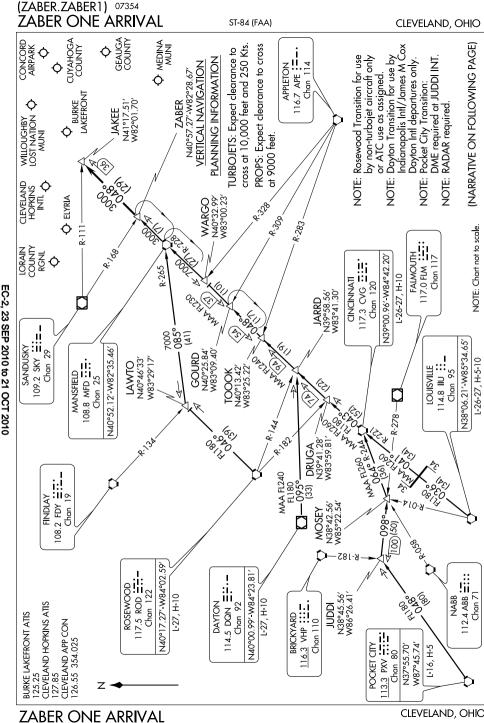
MIE R-063 to MIE VOR/DME.

Rwy 9: Road 1198' from DER, 275' left of centerline, 15' AGL/774' MSL. Tree 2077' from DER, 778' right of centerline, 100' AGL/859' MSL.

Rwy 27: Tree 68' from DER, 237' left of centerline, 100' AGL/859' MSL. Tree 527' from DER, 454' right of centerline, 100' AGL/854' MSL.







ARRIVAL ROUTE DESCRIPTION

CINCINNATI TRANSITION (CVG.ZABER1): From over CVG VORTAC via CVG R-043 to TOOOK INT, then via MFD R-228 to MFD VORTAC, then via MFD R-048 to ZABER INT.

Thence

EC-2, 23 SEP 2010 to 21 OCT 2010

DAYTON TRANSITION (DQN.ZABER1): (For use by INDIANAPOLIS INTL/JAMES M COX DAYTON INTL departures only). From over DQN VOR/DME via DQN R-095 to JARRD INT, then via CVG R-043 to TOOOK INT, then via MFD R-228 to MFD VORTAC, then via

MFD R-048 to ZABER INT. Thence. . . .

LOUISVILLE TRANSITION (IIU.ZABER1): From over IIU VORTAC via IIU R-036 and CVG R-221 to CVG VORTAC, then via CVG R-043 to TOOOK INT, then via MFD R-228 to

MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . . POCKET CITY TRANSITION (PXV.ZABER1): (DME REQUIRED at JUDDI INT) From over

PXV VORTAC via PXV R-048 to JUDDI INT, then via FLM R-278 to MOSEY INT, then via

CVG R-244 to CVG VORTAC, then via CVG R-043 to TOOOK INT, then via MFD R-228 to MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . .

ROSEWOOD TRANSITION (ROD.ZABER1): (For use by non-turbo aircraft only or ATC use

as assigned). From over ROD VORTAC via ROD R-046 to LAWTO INT, then via MFD R-265

to MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . .

. . . . From over ZABER INT via MFD R-048 to JAKEE INT. Expect radar vectors to final approach course.

OHIO

236

FINDLAY (FDY) 1 SW UTC-5(-4DT) N41°00.72′ W83°40.12′ DETROIT 813 B FUEL 100LL, JET A NOTAM FILE FDY H-10G, L-28J RWY 18-36: H6498X100 (ASPH) S-100, D-160, 2S-175, 2D-280 HIRL RWY 18: REIL. PAPI(P4L)-GA 3.0°TCH 31'. RWY 36: REIL. PAPI(P4L)-GA 3.5°TCH 55'. Trees. RWY 07-25: H5883X100(ASPH) S-100, D-160, 2S-175, 2D-280 HIRL Residential Area RWY 07: REIL. PAPI(P4L)—GA 3.0°TCH 39'. Thid dspicd 324'. Bridge. RWY 25: REIL. PAPI(P4L)—GA 3.5°TCH 36'. Thid dsplcd 999'. Road. (0

RUNWAY DECLARED DISTANCE INFORMATION RWY 07: TORA-5251 TODA-5251 ASDA-4881 LDA-4558 RWY 25: TORA-5786 TODA-5786 ASDA-5558 LDA-4558 AIRPORT REMARKS: Attended Sep-May Mon-Fri 1200-0100Z‡, Jun-Aug Mon-Fri 1200-0200Z‡, Sat-Sun 1400-2300Z‡. Rwy 07-25 sfc

has cracks and loose aggregate. ACTIVATE HIRL Rwy 07-25 and Rwy 18-36; REIL Rwy 07, Rwy 25, Rwy 18 and Rwy 36-CTAF.

PAPI Rwy 07, Rwy 18, Rwy 25, and Rwy 36 opr 24 hrs. Ldg fee. WEATHER DATA SOURCES: ASOS 124,425 (419) 427-8524. COMMUNICATIONS: CTAF/UNICOM 122.725 RCO 122.1R 108.2T (CLEVELAND RADIO) RCO 122.65 122.2

(R) TOLEDO APP/DEP CON 120.8 RADIO AIDS TO NAVIGATION: NOTAM FILE FDY. (L) VORTAC 108.2 FDY Chan 19 N40°57.32′ W83°45.36′ 051° 5.2 NM to fld. 820/2W.

MARATHON (T) VORW 114.9 MAH N41°00.89' W83°39.86' at fld. Unmonitored. BENTON RIDGE NDB (MHW) 334 BNR N41°01.27′ W83°40.15′ at fld. Unmonitored.

FUEL 100LL, JET A NOTAM FILE CLE

2 NE UTC-5(-4DT) N41°11.45′ W83°23.59′

RWY 09: REIL. PAPI(P4L)—GA 3.0° TCH 25'. Trees. AIRPORT REMARKS: Attended Mon-Sat 1300-2200Z‡. FBO ops Mon-Sat 1200-2100Z‡. PAPI Rwys 09 and 27 on low

RWY 09-27: H5005X100 (ASPH) S-30, D-35, 2D-52 MIRL

ints 24 hrs. To increase ints to high click 122.7 seven times. ACTIVATE MIRL Rwy 09-27 and REIL Rwys 09 and 27-CTAF. Rwy 09 REIL OTS indef. Twy Igts intermittent. WEATHER DATA SOURCES: AWOS-3 124.625 (419) 436-0053.

COMMUNICATIONS: CTAF/UNICOM 122.7 FINDLAY RCO 122.1R 108.2T (CLEVELAND RADIO)

(R) TOLEDO APP/DEP CON 126.1 RADIO AIDS TO NAVIGATION: NOTAM FILE FDY.

(CLEVELAND RADIO)

FINDLAY (L) VORTAC 108.2 FDY Chan 19 N40°57.32′ W83°45.36′ 051° 21.7 NM to fld. 820/2W.

FOSTORIA METRO

752 B S4

NDB (MHW) 379 FZI N41°11.36′ W83°23.83′ at fld. NOTAM FILE CLE.

(FZI)

FREMONT

FREMONT (14G) 2 SW UTC-5(-4DT) N41°19.99' W83°09.67'

B S4 FUEL 80. 100LL NOTAM FILE CLE

RWY 09-27: H4137X60 (ASPH) S-13 LIRL

RWY 09: REIL. VASI(NSTD). Thid dsplcd 126'. Road. RWY 27: Trees. RWY 18-36: 2238X130 (TURF)

RWY 18: Trees. RWY 36: P-line.

AIRPORT REMARKS: Attended Mon-Sat 1300Z‡-2200Z‡, Sun 1700Z‡-2200Z‡. For fuel after hrs call 419-332-8037. ACTIVATE LIRL Rwy 09-27: REIL Rwy 09 and rotating bcn-CTAF. COMMUNICATIONS: CTAF/UNICOM 122.8

(R) TOLEDO APP/DEP CON 126.1 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

WATERVILLE (L) VOR/DME 113.1 VWV Chan 78 N41°27.09′ W83°38.32′ 110° 22.7 NM to fld. 660/2W.

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RWY 27: REIL. PAPI(P4L)—GA 3.0° TCH 25'. Road.

DETROIT

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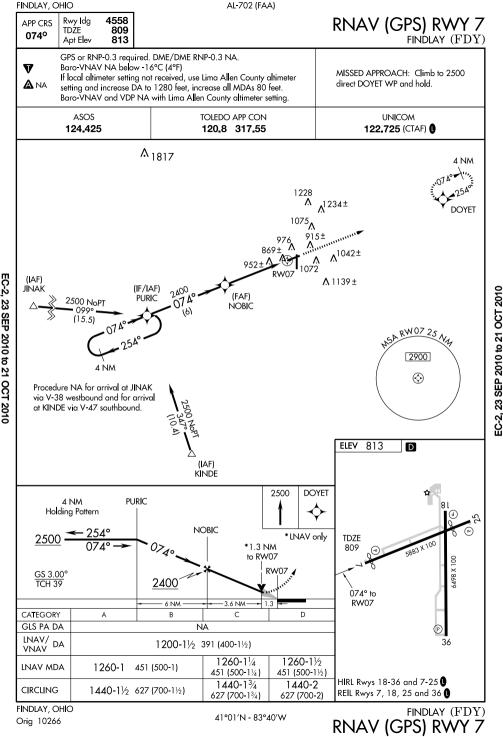
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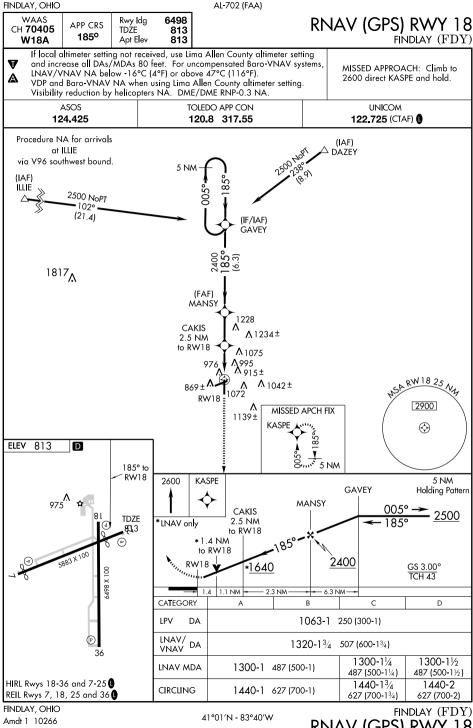
DETROIT

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H-11A, L-28J, 29A

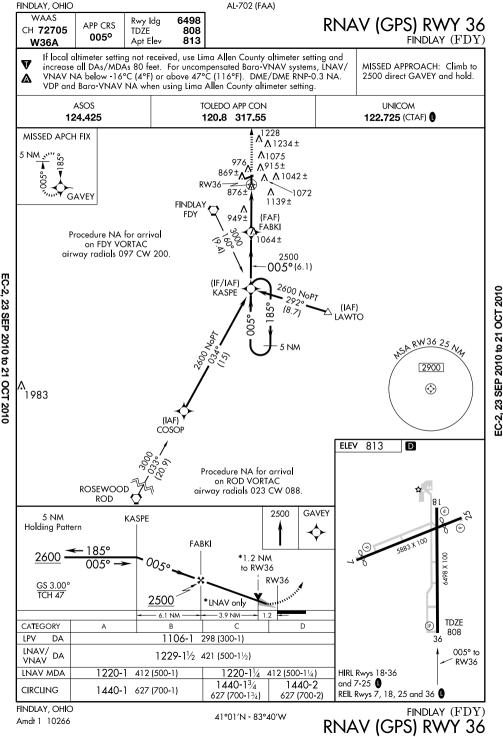
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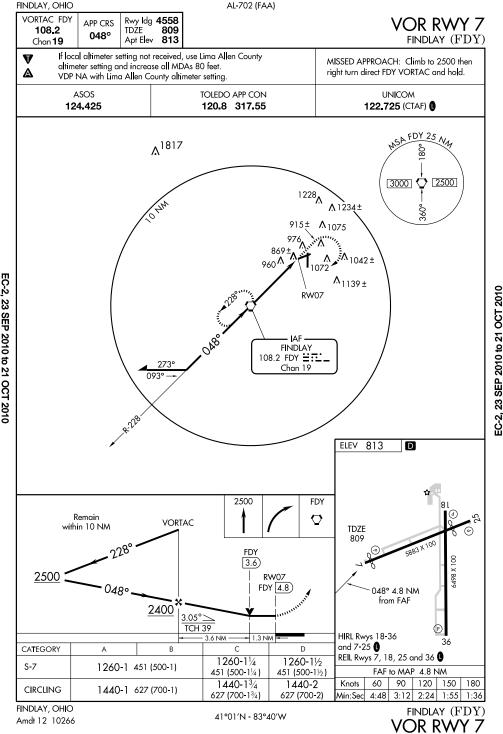




AL-702 (FAA)

FINDLAY, OHIO





FINDLAY, OHIO AL-702 (FAA) Rwy Idg 4558 APP CRS VOR RWY 25 VOR MAH TDŹE 812 114.9 253° FINDLAY (FDY) Apt Elev 813 V If local altimeter setting not received, use Lima Allen County MISSED APPROACH: Climb to 2500 then altimeter setting and increase all MDAs 80 feet. left turn direct MAH VOR and hold. A NA TOLEDO APP CON **ASOS** UNICOM 122.725 (CTAF) (124.425 120.8 317.55 Λ¹⁸¹⁷ R-073 1228 ۸^{1234±} EC-2, 23 SEP 2010 to 21 OCT 2010 **FINDLAY** 108.2 FDY **∷** Λ^{1042±} Chan 19 **^.** 1072 . 1139± - IAF MARATHON 114.9 MAH :... NSA MAH 25 My **ELEV** 813 \Box 2900 \bigcirc **TDZE** 812 2500 Remain MAH **VOR** within 10 NM 253° to MAH VOR 2500 36 CATEGORY D Α C 1500-2 1500-21/4 S-25 1500-1 688 (700-1) 688 (700-2) 688 (700-21/4) HIRL Rwys 18-36 and 7-25 1500-2 1500-21/4 REIL Rwys 7, 18, 25 and 36 0 CIRCLING 1500-1 687 (700-1) 687 (700-2) 687 (700-21/4) FINDLAY, OHIO FINDLAY (FDY) 41°01′N - 83°40′W

Amdt 5 10266

VOR RWY 25

AL-702 (FAA)

FINDLAY, OHIO

OHIO

236

FINDLAY (FDY) 1 SW UTC-5(-4DT) N41°00.72′ W83°40.12′ DETROIT 813 B FUEL 100LL, JET A NOTAM FILE FDY H-10G, L-28J RWY 18-36: H6498X100 (ASPH) S-100, D-160, 2S-175, 2D-280 HIRL RWY 18: REIL. PAPI(P4L)-GA 3.0°TCH 31'. RWY 36: REIL. PAPI(P4L)-GA 3.5°TCH 55'. Trees. RWY 07-25: H5883X100(ASPH) S-100, D-160, 2S-175, 2D-280 HIRL Residential Area RWY 07: REIL. PAPI(P4L)—GA 3.0°TCH 39'. Thid dspicd 324'. Bridge. RWY 25: REIL. PAPI(P4L)—GA 3.5°TCH 36'. Thid dspicd 999'. Road. (0

RUNWAY DECLARED DISTANCE INFORMATION RWY 07: TORA-5251 TODA-5251 ASDA-4881 LDA-4558 RWY 25: TORA-5786 TODA-5786 ASDA-5558 LDA-4558 AIRPORT REMARKS: Attended Sep-May Mon-Fri 1200-0100Z‡, Jun-Aug Mon-Fri 1200-0200Z‡, Sat-Sun 1400-2300Z‡. Rwy 07-25 sfc

has cracks and loose aggregate. ACTIVATE HIRL Rwy 07-25 and Rwy 18-36; REIL Rwy 07, Rwy 25, Rwy 18 and Rwy 36-CTAF.

PAPI Rwy 07, Rwy 18, Rwy 25, and Rwy 36 opr 24 hrs. Ldg fee. WEATHER DATA SOURCES: ASOS 124,425 (419) 427-8524. COMMUNICATIONS: CTAF/UNICOM 122.725 RCO 122.1R 108.2T (CLEVELAND RADIO) RCO 122.65 122.2

(R) TOLEDO APP/DEP CON 120.8 RADIO AIDS TO NAVIGATION: NOTAM FILE FDY. (L) VORTAC 108.2 FDY Chan 19 N40°57.32′ W83°45.36′ 051° 5.2 NM to fld. 820/2W.

MARATHON (T) VORW 114.9 MAH N41°00.89' W83°39.86' at fld. Unmonitored. BENTON RIDGE NDB (MHW) 334 BNR N41°01.27′ W83°40.15′ at fld. Unmonitored.

FUEL 100LL, JET A NOTAM FILE CLE

2 NE UTC-5(-4DT) N41°11.45′ W83°23.59′

RWY 09: REIL. PAPI(P4L)—GA 3.0° TCH 25'. Trees. AIRPORT REMARKS: Attended Mon-Sat 1300-2200Z‡. FBO ops Mon-Sat 1200-2100Z‡. PAPI Rwys 09 and 27 on low

RWY 09-27: H5005X100 (ASPH) S-30, D-35, 2D-52 MIRL

ints 24 hrs. To increase ints to high click 122.7 seven times. ACTIVATE MIRL Rwy 09-27 and REIL Rwys 09 and 27-CTAF. Rwy 09 REIL OTS indef. Twy Igts intermittent. WEATHER DATA SOURCES: AWOS-3 124.625 (419) 436-0053.

COMMUNICATIONS: CTAF/UNICOM 122.7 FINDLAY RCO 122.1R 108.2T (CLEVELAND RADIO)

(R) TOLEDO APP/DEP CON 126.1 RADIO AIDS TO NAVIGATION: NOTAM FILE FDY.

(CLEVELAND RADIO)

FINDLAY (L) VORTAC 108.2 FDY Chan 19 N40°57.32′ W83°45.36′ 051° 21.7 NM to fld. 820/2W.

FOSTORIA METRO

752 B S4

NDB (MHW) 379 FZI N41°11.36′ W83°23.83′ at fld. NOTAM FILE CLE.

(FZI)

FREMONT

FREMONT (14G) 2 SW UTC-5(-4DT) N41°19.99' W83°09.67'

B S4 FUEL 80. 100LL NOTAM FILE CLE

RWY 09-27: H4137X60 (ASPH) S-13 LIRL

RWY 09: REIL. VASI(NSTD). Thid dsplcd 126'. Road. RWY 27: Trees. RWY 18-36: 2238X130 (TURF)

RWY 18: Trees. RWY 36: P-line.

AIRPORT REMARKS: Attended Mon-Sat 1300Z‡-2200Z‡, Sun 1700Z‡-2200Z‡. For fuel after hrs call 419-332-8037. ACTIVATE LIRL Rwy 09-27: REIL Rwy 09 and rotating bcn-CTAF. COMMUNICATIONS: CTAF/UNICOM 122.8

(R) TOLEDO APP/DEP CON 126.1 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

WATERVILLE (L) VOR/DME 113.1 VWV Chan 78 N41°27.09′ W83°38.32′ 110° 22.7 NM to fld. 660/2W.

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RWY 27: REIL. PAPI(P4L)—GA 3.0° TCH 25'. Road.

DETROIT

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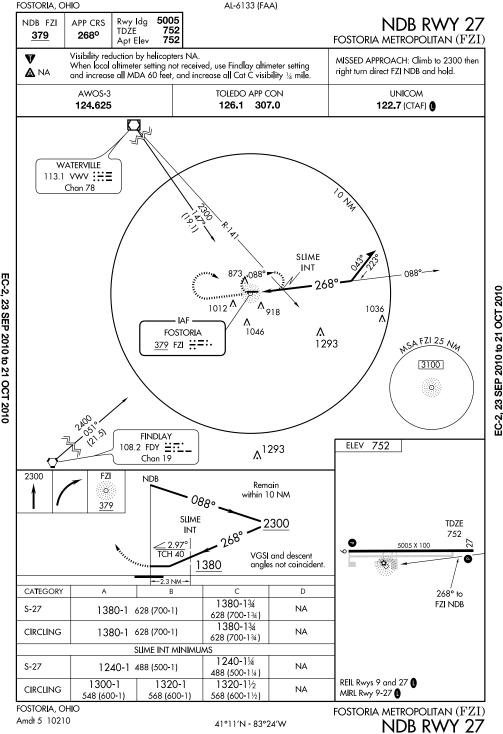
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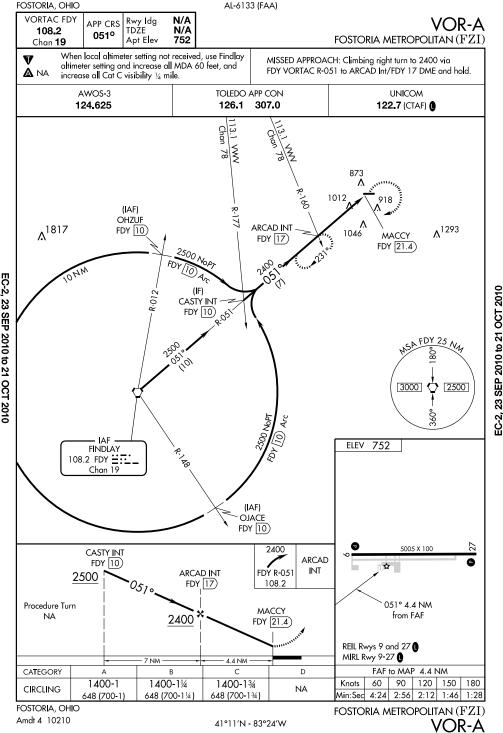
DETROIT

IAP

H-11A, L-28J, 29A

36





OHIO

236

FINDLAY (FDY) 1 SW UTC-5(-4DT) N41°00.72′ W83°40.12′ DETROIT 813 B FUEL 100LL, JET A NOTAM FILE FDY H-10G, L-28J RWY 18-36: H6498X100 (ASPH) S-100, D-160, 2S-175, 2D-280 HIRL RWY 18: REIL. PAPI(P4L)-GA 3.0°TCH 31'. RWY 36: REIL. PAPI(P4L)-GA 3.5°TCH 55'. Trees. RWY 07-25: H5883X100(ASPH) S-100, D-160, 2S-175, 2D-280 HIRL Residential Area RWY 07: REIL. PAPI(P4L)—GA 3.0°TCH 39'. Thid dspicd 324'. Bridge.

RWY 25: REIL. PAPI(P4L)—GA 3.5°TCH 36'. Thid dspicd 999'. Road. RUNWAY DECLARED DISTANCE INFORMATION RWY 07: TORA-5251 TODA-5251 ASDA-4881 LDA-4558 RWY 25: TORA-5786 TODA-5786 ASDA-5558 LDA-4558

AIRPORT REMARKS: Attended Sep-May Mon-Fri 1200-0100Z‡, Jun-Aug Mon-Fri 1200-0200Z‡, Sat-Sun 1400-2300Z‡. Rwy 07-25 sfc has cracks and loose aggregate. ACTIVATE HIRL Rwy 07-25 and

Rwy 18-36; REIL Rwy 07, Rwy 25, Rwy 18 and Rwy 36-CTAF. PAPI Rwy 07, Rwy 18, Rwy 25, and Rwy 36 opr 24 hrs. Ldg fee. WEATHER DATA SOURCES: ASOS 124,425 (419) 427-8524.

RCO 122.1R 108.2T (CLEVELAND RADIO) RCO 122.65 122.2

(CLEVELAND RADIO) (R) TOLEDO APP/DEP CON 120.8 RADIO AIDS TO NAVIGATION: NOTAM FILE FDY.

(L) VORTAC 108.2 FDY Chan 19 N40°57.32′ W83°45.36′ 051° 5.2 NM to fld. 820/2W. MARATHON (T) VORW 114.9 MAH N41°00.89' W83°39.86' at fld. Unmonitored. BENTON RIDGE NDB (MHW) 334 BNR N41°01.27′ W83°40.15′ at fld. Unmonitored.

FUEL 100LL, JET A NOTAM FILE CLE

2 NE UTC-5(-4DT) N41°11.45′ W83°23.59′

RWY 09: REIL. PAPI(P4L)—GA 3.0° TCH 25'. Trees. AIRPORT REMARKS: Attended Mon-Sat 1300-2200Z‡. FBO ops Mon-Sat 1200-2100Z‡. PAPI Rwys 09 and 27 on low ints 24 hrs. To increase ints to high click 122.7 seven times. ACTIVATE MIRL Rwy 09-27 and REIL Rwys 09 and

RWY 09-27: H5005X100 (ASPH) S-30, D-35, 2D-52 MIRL

27-CTAF. Rwy 09 REIL OTS indef. Twy Igts intermittent. WEATHER DATA SOURCES: AWOS-3 124.625 (419) 436-0053.

COMMUNICATIONS: CTAF/UNICOM 122.7

FINDLAY RCO 122.1R 108.2T (CLEVELAND RADIO) (R) TOLEDO APP/DEP CON 126.1

RADIO AIDS TO NAVIGATION: NOTAM FILE FDY.

FOSTORIA METRO

752 B S4

FINDLAY (L) VORTAC 108.2 FDY Chan 19 N40°57.32′ W83°45.36′ 051° 21.7 NM to fld. 820/2W. NDB (MHW) 379 FZI N41°11.36′ W83°23.83′ at fld. NOTAM FILE CLE.

COMMUNICATIONS: CTAF/UNICOM 122.725

(FZI)

FREMONT

FREMONT (14G)

2 SW UTC-5(-4DT) N41°19.99' W83°09.67'

B S4 FUEL 80. 100LL NOTAM FILE CLE

RWY 09-27: H4137X60 (ASPH) S-13 LIRL RWY 09: REIL. VASI(NSTD). Thid dsplcd 126'. Road. RWY 27: Trees.

RWY 18-36: 2238X130 (TURF) RWY 18: Trees.

RWY 36: P-line. AIRPORT REMARKS: Attended Mon-Sat 1300Z‡-2200Z‡, Sun 1700Z‡-2200Z‡. For fuel after hrs call 419-332-8037. ACTIVATE LIRL Rwy 09-27: REIL Rwy 09 and rotating bcn-CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8 (R) TOLEDO APP/DEP CON 126.1 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

WATERVILLE (L) VOR/DME 113.1 VWV Chan 78 N41°27.09′ W83°38.32′ 110° 22.7 NM to fld. 660/2W.

Œ €3 03 C3 03 03 36 DETROIT H-11A, L-28J, 29A IAP RWY 27: REIL. PAPI(P4L)—GA 3.0° TCH 25'. Road.

DETROIT

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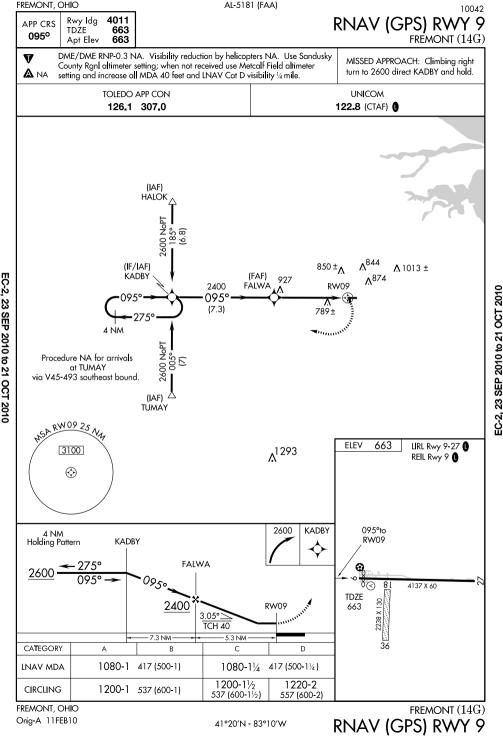
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03 03

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237 SANDUSKY CO RGNL (S24) 5 SE UTC-5(-4DT) N41°17.74′ W83°02.23′ DETROIT 665 B S2 FUEL 100LL, JET A 0X 2 NOTAM FILE CLE H-10G, L-28J RWY 06-24: H5500X100 (ASPH) S-30 MIRL IAP RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 44'. Tree. RWY 24: REIL. PAPI(P4L)-GA 3.0° TCH 42'. AIRPORT REMARKS: Attended 1200-2300Z‡. After hrs call 419-547-0131 or 419-360-3610. Birds and deer on and invof arpt. ACTIVATE MIRL Rwy 06-24-CTAF. Ldg fee for light twin acft 4500 pounds and larger.

WEATHER DATA SOURCES: AWOS-3 119.575 (419) 547-6932. COMMUNICATIONS: CTAF/UNICOM 123.05 R MANSFIELD APP/DEP CON 127.35 (360°-180°) 1100-0400Z‡ R CLEVELAND CENTER APP/DEP CON 127.9 (360°-180°) 0400-1100Z‡ R TOLEDO APP/DEP CON 126.1 (180°-360°) RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

(L) VOR/DME 109.2 SKY Chan 29 N41°26.07′ W82°39.29′ 248° 19.2 NM to fld. FULER N40°04.42′ W83°11.89′ NOTAM FILE OSU. NDB (MHW/LOM) 515 OS 091° 5.8 NM to Ohio State University.

DETROIT L-29A FULTON CO (See WAUSEON) **GALION MUNI** (GOO) 3 NE UTC-5(-4DT) N40°45.20′ W82°43.43′ B S4 FUEL 100LL NOTAM FILE CLE

DETROIT L-29A RWY 05-23: H3505X75 (ASPH) S-12 MIRL RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 33'. Thid dsplcd 188'. P-line. RWY 23: REIL. VASI(V2L)-GA 3.0° TCH 26'. Trees.

IAP AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z‡. Student training activity. Fuel self service-24 hrs with credit card. Rwy 23 VASI OTS indef. ACTIVATE MIRL Rwy 05-23; VASI and REIL Rwy 23; REIL Rwy 05 2300-1100Z‡-CTAF. ACTIVATE PAPI Rwy 05-CTAF. COMMUNICATIONS: CTAF/UNICOM 122.8

MANSFIELD RCO 122.6 122.1R 108.8T (CLEVELAND RADIO) (R) MANSFIELD APP/DEP CON 124.2 (1100-0400Z‡) CLEVELAND CENTER APP/DEP CON 134.9 (0400-1100Z‡) RADIO AIDS TO NAVIGATION: NOTAM FILE MFD.

MANSFIELD (L) VORTAC 108.8 MFD Chan 25 N40°52.12′ W82°35.46′ 224° 9.2 NM to fld. 1210/3W.

GALLIA-MEIGS RGNL (See GALLIPOLIS)

GALLIPOLIS N38°50.01′ W82°09.69′ NOTAM FILE DAY. CINCINNATI

NDB (MHW) 420 GAS at Gallia-Meigs Rgnl. VFR only.

RCO 121.65 (DAYTON RADIO)

GALLIPOLIS GALLIA-MEIGS RGNL (GAS) 2 NE UTC-5(-4DT) N38°50.05′ W82°09.81′

CINCINNATI

S2 FUEL 100LL, JET A1+ NOTAM FILE DAY

L-26H

RWY 05-23: H3998X75 (ASPH) S-30 MIRI

RWY 05: PAPI(P2L)-GA 3.0° TCH 40'. Fence. RWY 23: REIL. PAPI(P2L)-GA 3.0° TCH 40'. Brush.

IAP

AIRPORT REMARKS: Attended 1400-2200Z‡. FBO CLOSED Thanksgiving, Christmas and New Years Day. Deer and

birds on and invof arpt. Rwy 23 REIL OTS indef. ACTIVATE MIRL Rwy 05-23; PAPI Rwys 05 and 23, REIL Rwy

WEATHER DATA SOURCES: AWOS-3 119.925 (740) 446-2149.

COMMUNICATIONS: CTAF/UNICOM 123.0

(R) HUNTINGTON APP/DEP CON 128.4 CLNC DEL 124.55

RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

HENDERSON (H) VORTAC 115.9 HNN Chan 106 N38°45.25′ W82°01.57′ 310° 8 NM to fld. 880/03W.

GALLIPOLIS NDB (MHW) 420 GAS N38°50.01′ W82°09.69′ at fld. NOTAM FILE DAY. VFR only.

GARRETTSVILLE

GATES (7D8) 4 N UTC-5(-4DT) N41°21.07′ W81°05.97′ DETROIT

NOTAM FILE CLE Not insp.

RWY 08-26: 2800X100 (TURF-GRVL)

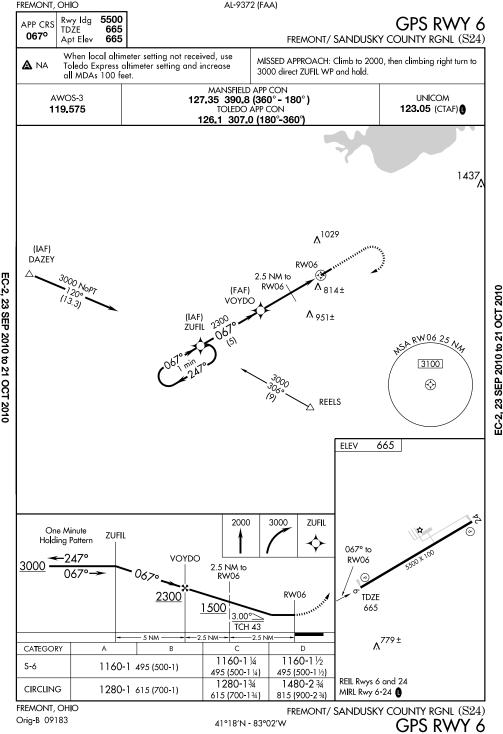
RWY 26: Trees. RWY 08: Fence.

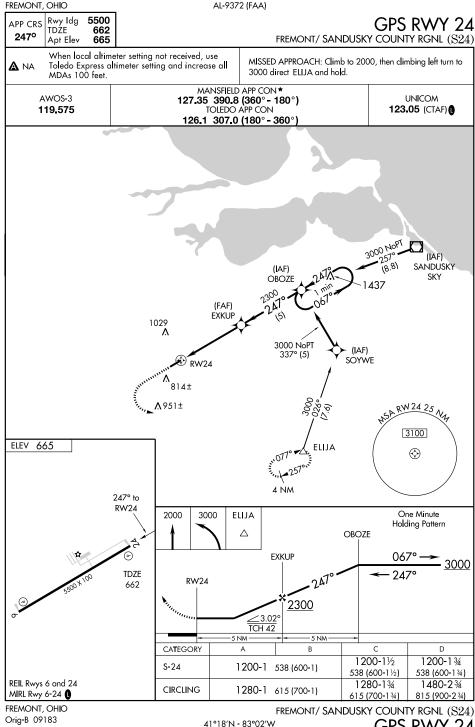
AIRPORT REMARKS: Attended Apr-Nov dalgt hrs. Ldg PPR only Dec thru Mar call 216-548-4511. Parachute Jumping. Rwy drops 10' on E end. Rwy 26 has 16' hill/brush starting 0' from rwy apch end.

COMMUNICATIONS: CTAF 122.9

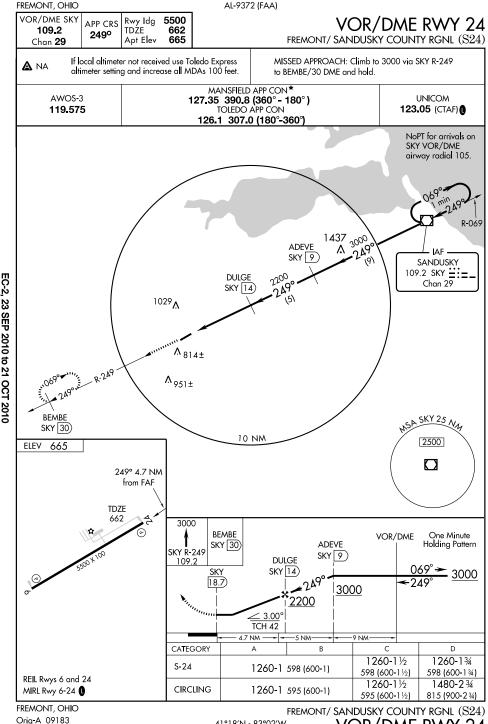
GATES

(See GARRETTSVILLE)





GPS RWY 24



Orig-A 09183

41°18'N - 83°02'W VOR/DME RWY 24

237 SANDUSKY CO RGNL (S24) 5 SE UTC-5(-4DT) N41°17.74′ W83°02.23′ DETROIT 665 B S2 FUEL 100LL, JET A 0X 2 NOTAM FILE CLE H-10G, L-28J RWY 06-24: H5500X100 (ASPH) S-30 MIRL IAP RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 44'. Tree. RWY 24: REIL. PAPI(P4L)-GA 3.0° TCH 42'. AIRPORT REMARKS: Attended 1200-2300Z‡. After hrs call 419-547-0131 or 419-360-3610. Birds and deer on and invof arpt. ACTIVATE MIRL Rwy 06-24-CTAF. Ldg fee for light twin acft 4500 pounds and larger.

WEATHER DATA SOURCES: AWOS-3 119.575 (419) 547-6932. COMMUNICATIONS: CTAF/UNICOM 123.05 R MANSFIELD APP/DEP CON 127.35 (360°-180°) 1100-0400Z‡ R CLEVELAND CENTER APP/DEP CON 127.9 (360°-180°) 0400-1100Z‡ R TOLEDO APP/DEP CON 126.1 (180°-360°) RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

(L) VOR/DME 109.2 SKY Chan 29 N41°26.07′ W82°39.29′ 248° 19.2 NM to fld. FULER N40°04.42′ W83°11.89′ NOTAM FILE OSU. NDB (MHW/LOM) 515 OS 091° 5.8 NM to Ohio State University.

DETROIT L-29A FULTON CO (See WAUSEON) **GALION MUNI** (GOO) 3 NE UTC-5(-4DT) N40°45.20′ W82°43.43′ B S4 FUEL 100LL NOTAM FILE CLE

DETROIT L-29A RWY 05-23: H3505X75 (ASPH) S-12 MIRL RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 33'. Thid dsplcd 188'. P-line. RWY 23: REIL. VASI(V2L)-GA 3.0° TCH 26'. Trees.

IAP AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z‡. Student training activity. Fuel self service-24 hrs with credit card. Rwy 23 VASI OTS indef. ACTIVATE MIRL Rwy 05-23; VASI and REIL Rwy 23; REIL Rwy 05 2300-1100Z‡-CTAF. ACTIVATE PAPI Rwy 05-CTAF. COMMUNICATIONS: CTAF/UNICOM 122.8

MANSFIELD RCO 122.6 122.1R 108.8T (CLEVELAND RADIO) (R) MANSFIELD APP/DEP CON 124.2 (1100-0400Z‡) CLEVELAND CENTER APP/DEP CON 134.9 (0400-1100Z‡) RADIO AIDS TO NAVIGATION: NOTAM FILE MFD.

MANSFIELD (L) VORTAC 108.8 MFD Chan 25 N40°52.12′ W82°35.46′ 224° 9.2 NM to fld. 1210/3W.

GALLIA-MEIGS RGNL (See GALLIPOLIS)

GALLIPOLIS N38°50.01′ W82°09.69′ NOTAM FILE DAY. CINCINNATI

NDB (MHW) 420 GAS at Gallia-Meigs Rgnl. VFR only.

RCO 121.65 (DAYTON RADIO)

GALLIPOLIS GALLIA-MEIGS RGNL (GAS) 2 NE UTC-5(-4DT) N38°50.05′ W82°09.81′

CINCINNATI

S2 FUEL 100LL, JET A1+ NOTAM FILE DAY

L-26H

RWY 05-23: H3998X75 (ASPH) S-30 MIRI

RWY 05: PAPI(P2L)-GA 3.0° TCH 40'. Fence. RWY 23: REIL. PAPI(P2L)-GA 3.0° TCH 40'. Brush.

IAP

AIRPORT REMARKS: Attended 1400-2200Z‡. FBO CLOSED Thanksgiving, Christmas and New Years Day. Deer and

birds on and invof arpt. Rwy 23 REIL OTS indef. ACTIVATE MIRL Rwy 05-23; PAPI Rwys 05 and 23, REIL Rwy

WEATHER DATA SOURCES: AWOS-3 119.925 (740) 446-2149.

COMMUNICATIONS: CTAF/UNICOM 123.0

(R) HUNTINGTON APP/DEP CON 128.4 CLNC DEL 124.55

RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

HENDERSON (H) VORTAC 115.9 HNN Chan 106 N38°45.25′ W82°01.57′ 310° 8 NM to fld. 880/03W.

GALLIPOLIS NDB (MHW) 420 GAS N38°50.01′ W82°09.69′ at fld. NOTAM FILE DAY. VFR only.

GARRETTSVILLE

GATES (7D8) 4 N UTC-5(-4DT) N41°21.07′ W81°05.97′ DETROIT

NOTAM FILE CLE Not insp.

RWY 08-26: 2800X100 (TURF-GRVL)

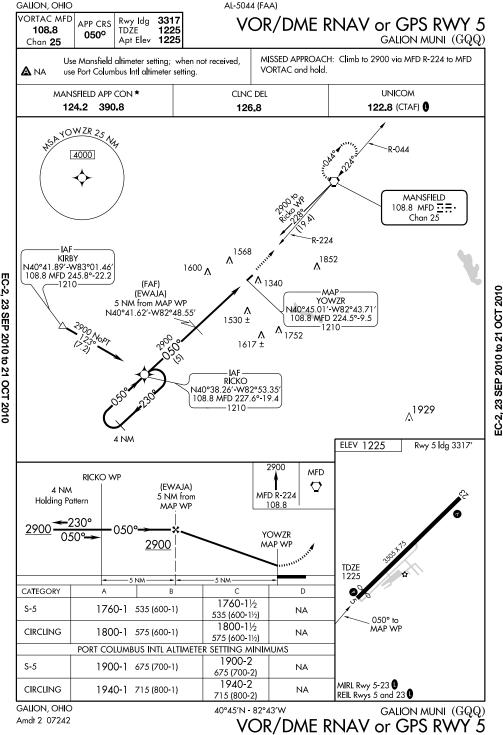
RWY 26: Trees. RWY 08: Fence.

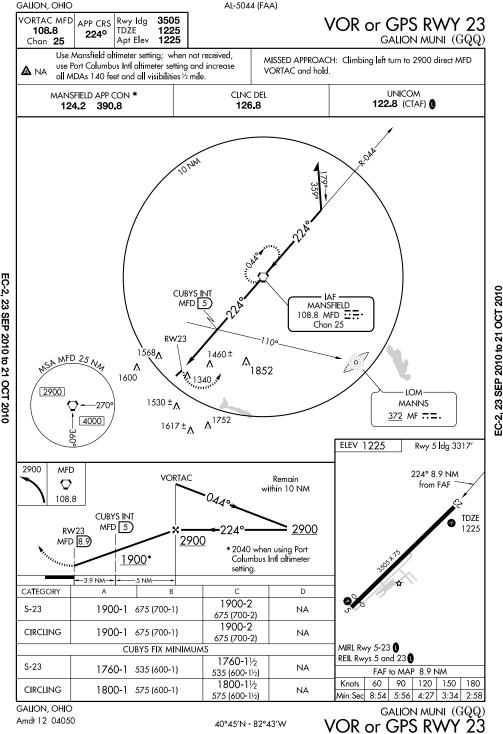
AIRPORT REMARKS: Attended Apr-Nov dalgt hrs. Ldg PPR only Dec thru Mar call 216-548-4511. Parachute Jumping. Rwy drops 10' on E end. Rwy 26 has 16' hill/brush starting 0' from rwy apch end.

COMMUNICATIONS: CTAF 122.9

GATES

(See GARRETTSVILLE)





237 SANDUSKY CO RGNL (S24) 5 SE UTC-5(-4DT) N41°17.74′ W83°02.23′ DETROIT 665 B S2 FUEL 100LL, JET A 0X 2 NOTAM FILE CLE H-10G, L-28J RWY 06-24: H5500X100 (ASPH) S-30 MIRL IAP RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 44'. Tree. RWY 24: REIL. PAPI(P4L)-GA 3.0° TCH 42'. AIRPORT REMARKS: Attended 1200-2300Z‡. After hrs call 419-547-0131 or 419-360-3610. Birds and deer on and invof arpt. ACTIVATE MIRL Rwy 06-24-CTAF. Ldg fee for light twin acft 4500 pounds and larger.

WEATHER DATA SOURCES: AWOS-3 119.575 (419) 547-6932. COMMUNICATIONS: CTAF/UNICOM 123.05 R MANSFIELD APP/DEP CON 127.35 (360°-180°) 1100-0400Z‡ R CLEVELAND CENTER APP/DEP CON 127.9 (360°-180°) 0400-1100Z‡ R TOLEDO APP/DEP CON 126.1 (180°-360°) RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. (L) VOR/DME 109.2 SKY Chan 29 N41°26.07′ W82°39.29′ 248° 19.2 NM to fld.

FULER N40°04.42′ W83°11.89′ NOTAM FILE OSU. NDB (MHW/LOM) 515 OS 091° 5.8 NM to Ohio State University.

DETROIT L-29A FULTON CO (See WAUSEON) **GALION MUNI** (GOO) 3 NE UTC-5(-4DT) N40°45.20′ W82°43.43′

DETROIT B S4 FUEL 100LL NOTAM FILE CLE L-29A RWY 05-23: H3505X75 (ASPH) S-12 MIRL RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 33'. Thid dsplcd 188'. P-line.

IAP

RWY 23: REIL. VASI(V2L)-GA 3.0° TCH 26'. Trees. AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z‡. Student training activity. Fuel self service-24 hrs with credit card. Rwy 23 VASI OTS indef. ACTIVATE MIRL Rwy 05-23; VASI and REIL Rwy 23; REIL Rwy 05

2300-1100Z‡-CTAF. ACTIVATE PAPI Rwy 05-CTAF. COMMUNICATIONS: CTAF/UNICOM 122.8 MANSFIELD RCO 122.6 122.1R 108.8T (CLEVELAND RADIO) (R) MANSFIELD APP/DEP CON 124.2 (1100-0400Z‡) CLEVELAND CENTER APP/DEP CON 134.9 (0400-1100Z‡)

RADIO AIDS TO NAVIGATION: NOTAM FILE MFD. MANSFIELD (L) VORTAC 108.8 MFD Chan 25 N40°52.12′ W82°35.46′ 224° 9.2 NM to fld. 1210/3W.

GALLIA-MEIGS RGNL (See GALLIPOLIS)

GALLIPOLIS N38°50.01′ W82°09.69′ NOTAM FILE DAY. CINCINNATI

NDB (MHW) 420 GAS at Gallia-Meigs Rgnl. VFR only. RCO 121.65 (DAYTON RADIO)

GALLIPOLIS

GALLIA-MEIGS RGNL (GAS) 2 NE UTC-5(-4DT) N38°50.05′ W82°09.81′

CINCINNATI S2 FUEL 100LL, JET A1+ NOTAM FILE DAY L-26H IAP

RWY 05-23: H3998X75 (ASPH) S-30 MIRI

RWY 05: PAPI(P2L)-GA 3.0° TCH 40'. Fence. RWY 23: REIL. PAPI(P2L)-GA 3.0° TCH 40'. Brush. AIRPORT REMARKS: Attended 1400-2200Z‡. FBO CLOSED Thanksgiving, Christmas and New Years Day. Deer and

birds on and invof arpt. Rwy 23 REIL OTS indef. ACTIVATE MIRL Rwy 05-23; PAPI Rwys 05 and 23, REIL Rwy

WEATHER DATA SOURCES: AWOS-3 119.925 (740) 446-2149.

COMMUNICATIONS: CTAF/UNICOM 123.0

(R) HUNTINGTON APP/DEP CON 128.4 CLNC DEL 124.55 RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

HENDERSON (H) VORTAC 115.9 HNN Chan 106 N38°45.25′ W82°01.57′ 310° 8 NM to fld. 880/03W.

GALLIPOLIS NDB (MHW) 420 GAS N38°50.01′ W82°09.69′ at fld. NOTAM FILE DAY. VFR only.

GARRETTSVILLE

GATES (7D8) 4 N UTC-5(-4DT) N41°21.07′ W81°05.97′ DETROIT

NOTAM FILE CLE Not insp.

RWY 08-26: 2800X100 (TURF-GRVL)

RWY 26: Trees. RWY 08: Fence.

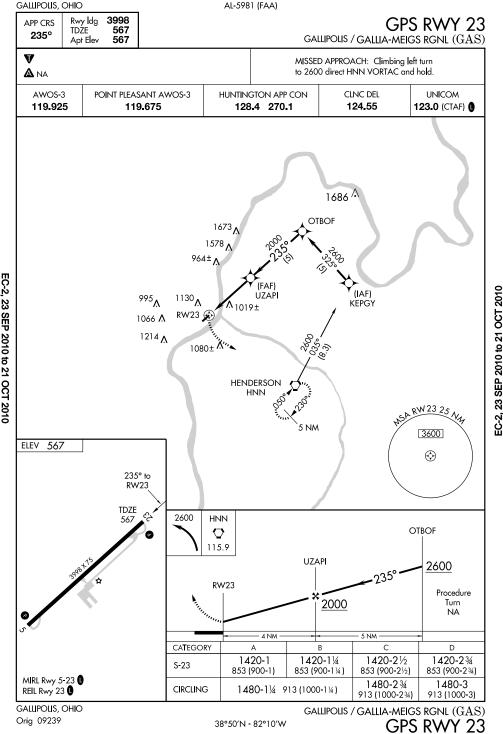
AIRPORT REMARKS: Attended Apr-Nov dalgt hrs. Ldg PPR only Dec thru Mar call 216-548-4511. Parachute Jumping.

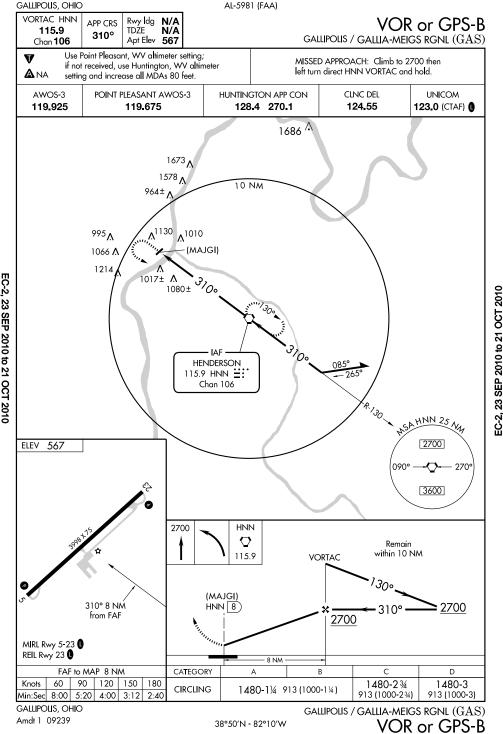
Rwy drops 10' on E end. Rwy 26 has 16' hill/brush starting 0' from rwy apch end.

GATES

(See GARRETTSVILLE)

COMMUNICATIONS: CTAF 122.9





238 OHIO GEALIGA CO (See MIDDLEFIELD) **GFNFVA** GERMACK (7D9) UTC-5(-4DT) 3 SE N41°46.67′ W80°54.24′ DETROIT 820 NOTAM FILE CLE L-30G RWY 01-19: H3250X28 (ASPH) LIRL (NSTD) RWY N1. Tree RWY 19. Trees AIRPORT REMARKS: Unattended. Deer on and invof arpt. Radio controlled model acft activity on and invof arpt. No line of sight between rwy ends. Rwy 01-09 rolling sfc. Rwy 01-19 LIRL spacing nstd. ACTIVATE NSTD LIRL Rwy 01-19-CTAF COMMUNICATIONS: CTAF 122.9 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. JEFFERSON (L) VOR/DME 115.2 JFN Chan 99 N41°45.61' W80°44.89' 284° 7.1 NM to fld. 900/5W. **GFORGFTOWN** RROWN CO (GEO) 1 NE UTC-5(-4DT) N38°52.92' W83°52.97' CINCINNATI L-26G. 27E FUEL 100LL NOTAM FILE DAY RWY 18-36: H3530X65 (ASPH) MIRL IAP RWY 18: Road. RWY 36: Road. AIRPORT REMARKS: Unattended. For airframe and powerplant repairs phone 937-379-1055. Self service fuel avbl 24 hrs with credit card. Aerobatic practice surface to 4500' AGL above Rwy 18-36. ACTIVATE MIRL Rwy 18-36-CTAF COMMUNICATIONS: CTAF 122.9 (R) INDIANAPOLIS CENTER APP/DEP CON 135.575

RADIO AIDS TO NAVIGATION: NOTAM FILE LOU.

FALMOUTH (H) VOR/DME 117.0 FLM Chan 117 N38°38.97' W84°18.64' 059° 24.4 NM to fld. 810/4W.

GERMACK (See GENEVA)

GRAND LAKE ST MARYS SPB (See ST MARYS)

GREATER PORTSMOUTH RGNL (See PORTSMOUTH)

GREENE CO-LEWIS A JACKSON RGNL (See DAYTON)

GREEN SPRINGS WEIKER (82D) 2 SE UTC-5(-4DT) N41°13.75′ W83°01.74′

DETROIT S4 NOTAM FILE CLE

RWY 18-36: 1785X90 (TURF)

RWY 18: Trees. RWY 36: Trees.

AIRPORT REMARKS: Attended irregularly. Radio controlled model flying activity on weekends. Rwy 18-36 marked with

+3' orange barrels on rwy ends only: Rwy 18 first 132' has no markers.

COMMUNICATIONS: CTAF 122.9

GRENS N40°00.61′ W83°01.74′ NOTAM FILE CMH. CINCINNATI NDB (MHW) 272 CHC 102° 6.4 NM to Port Columbus Intl. OTS indef. L-29E

GRIFFING-SANDUSKY (See SANDUSKY)

GRIMES FLD (See URBANA)

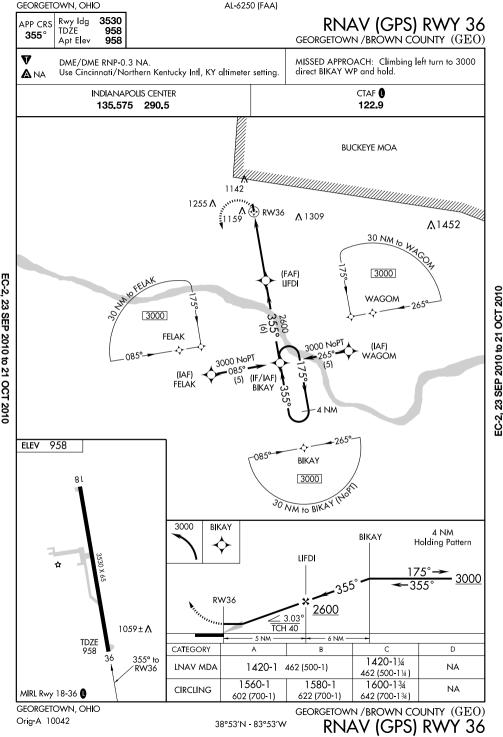
107° 2.4 NM to Butler Co Rgnl.

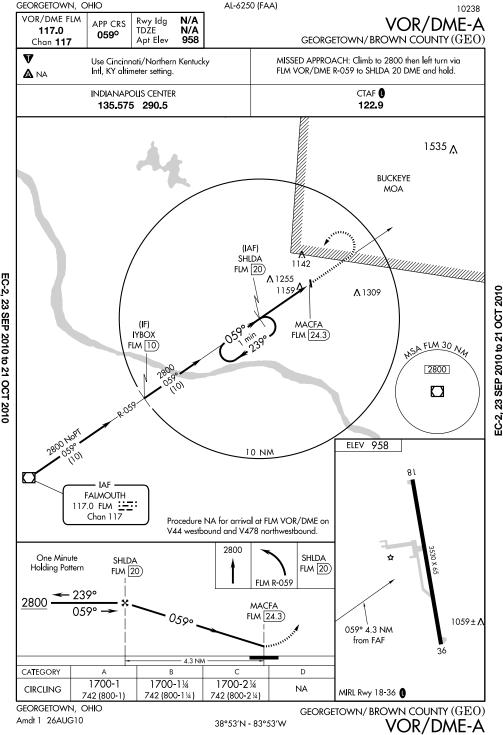
NDB (MHW) 260

HAO

HAMILTON N39°22.37′ W84°34.33′ NOTAM FILE DAY CINCINNATI

L-27E

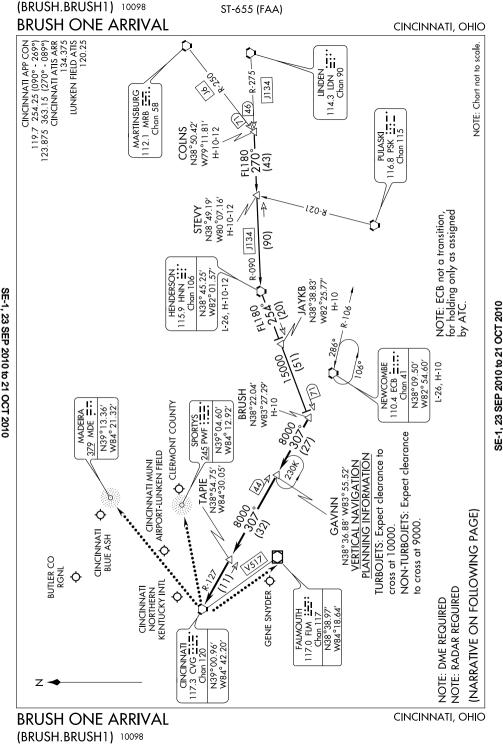




239 OHIO HAMILTON BUTLER CO RGNL (HAO) 3 SE UTC-5(-4DT) N39°21.83′ W84°31.32′ CINCINNATI S4 FUEL 100LL, JET A OX 4 NOTAM FILE HAO H-10G, L-27E RWY 11-29: H5500X100 (ASPH) S-60, D-75, 2D-39 MIRL IAP RWY 11: REIL. PAPI (P4L)-GA 3.5° TCH 26'. Bldg. RWY 29: MALSR. REIL. PAPI (P4L)-GA 3.0°TCH 25'. P-line. AIRPORT REMARKS: Attended Nov-Mar 1200-0200Z‡, Apr-Oct 1200-0300Z‡. ACTIVATE MIRL Rwy 11-29 and REIL Rwys 11 and 29 and MALSR Rwy 29-CTAF. WEATHER DATA SOURCES: ASOS 121,425 (513) 863-6137 COMMUNICATIONS: CTAF/UNICOM 123.05 (R) CINCINNATI APP/DEP CON 121.0 CLNC DEL 126.25 RADIO AIDS TO NAVIGATION: NOTAM FILE CVG. Chan 120 N39°00.96′ W84°42.20′ 026° 22.5 NM to fld. 879/04W. CINCINNATI (L) VORTAC 117.3 CVG HAMILTON NDB (MHW) 260 HAO N39°22.37′ W84°34.33′ 107° 2.4 NM to fld. NOTAM FILE DAY. ILS/DME 109.75 I-ROF Chan 34(Y) Rwy 29. Class IT. LOC unusable byd 20° right of course. HARDIN CO (See KENTON) HARRISON CINCINNATI WEST (I67) 2 E UTC-5(-4DT) N39°15.54′ W84°46.46′ CINCINNATI NOTAM FILE DAY L-27E 584 B S4 FUEL 100LL RWY 01-19: H2803X60 (ASPH) MIRL IAP RWY 01: Thid dsplcd 308', P-line. RWY 19: Thid dspicd 220'. Tree. RWY 09-27: 1809X100 (TURF) RWY N9. Tree RWY 27: Tree. AIRPORT REMARKS: Attended Oct-Apr 1300Z‡-dusk, May-Sep 1300-0100Z‡. Unattended all major holidays. For Jet A availability call 513-367-0231. Rwy 09-27 CLOSED indef. COMMUNICATIONS: CTAF/UNICOM 123.0 (R) APP/DEP CON 128.7 RADIO AIDS TO NAVIGATION: NOTAM FILE CVG. (L) VORTAC 117.3 CVG Chan 120 N39°00.96′ W84°42.20′ 351° 14.9 NM to fld. 879/04W. HARRISON CO (See CADIZ) HARRY CIEVER FID (See NEW PHILADELPHIA) HENRY CO (See NAPOLEON) HENDERSON (WV) N38°45.25′ W82°01.57′ NOTAM FILE EKN. CINCINNATI 334° 39.5 NM to Vinton Co. 860/3W. H-10G, L-22F, 26H (H) VORTAC 115.9 HNN Chan 106 DME portion unusable 185°-194° byd 10 NM blo 8000'; 195°-204° byd 30 NM blo 8000'. HIGHLAND CO (See HILLSBORO) HILLSBORO N39°11.08′ W83°32.58′. NOTAM FILE DAY. CINCINNATI NDB (MHW) 278 HOC at Highland Co. L-29A RCO 122.2 (DAYTON RADIO) HILLSBORO HIGHLAND CO (HOC) 3 SE UTC-5(-4DT) N39°11.33′ W83°32.33′ CINCINNATI S4 FUEL 100LL, JET A TPA—1677(700) NOTAM FILE DAY L-29A RWY 05-23: H3520X75 (ASPH) S-25 MIRL 1.3% UP SW IAP RWY 23: REIL. PAPI (P2L). Trees. RWY 05: Trees AIRPORT REMARKS: Attended Mon-Sat 1300-2200Z‡, Sun 1700-2200Z‡. Rwy 05-23 lgts NW side OTS indef. Rwy 23 REIL OTS indef. ACTIVATE MIRL Rwv 05-23 and REIL Rwv 23-CTAF. WEATHER DATA SOURCES: AWOS-3 118.175 (937) 393-9038. COMMUNICATIONS: CTAF/UNICOM 123.05 HILLSBORO RCO 122.2 (DAYTON RADIO) INDIANAPOLIS CENTER APP/DEP CON 135.575 RADIO AIDS TO NAVIGATION: NOTAM FILE LOU. YORK (L) VORTAC 112.8 YRK Chan 75 N38°38.65' W82°58.70' 326° 41.9 NM to fld. 1040/5W. HILLSBORO NDB (MHW) 278 HOC N39°11.08′ W83°32.58′ at fld. NOTAM FILE DAY.

HINDE

(see HURON)



ARRIVAL DESCRIPTION

ST-655 (FAA)

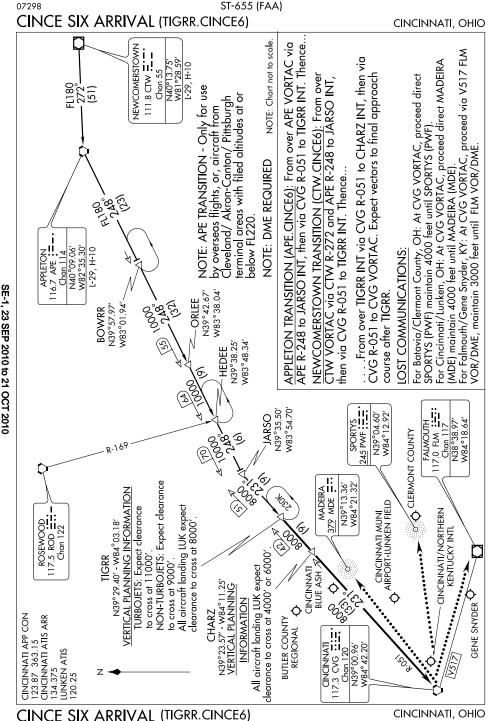
COLNS TRANSITION (COLNS.BRUSH1): From over COLNS INT via HNN R-090 to HNN VORTAC, then via HNN R-254 to BRUSH. Thence. . . .

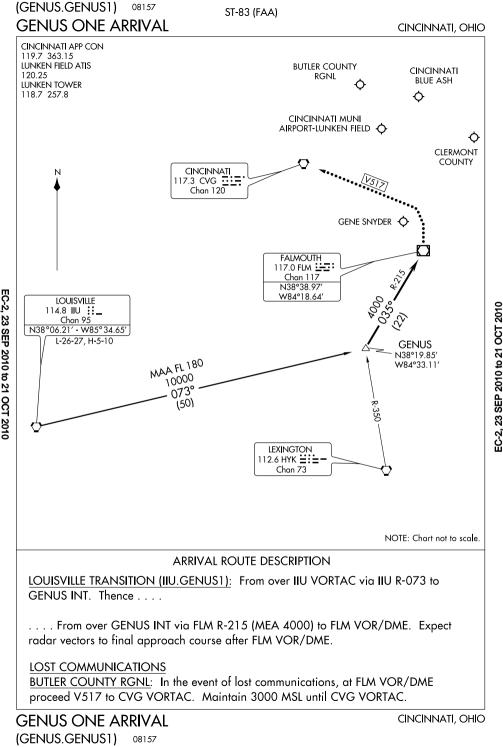
HENDERSON TRANSITION (HNN.BRUSH1): From over HNN VORTAC via HNN R-254 to BRUSH. Thence. . . .

. . . . From over BRUSH via CVG R-127 to GAVNN, then via CVG R-127 to TAPIE, then via CVG R-127 to CVG VORTAC. Expect vectors to final approach course after GAVNN.

LOST COMMUNICATIONS:

For Batavia/Clermont County, OH: At CVG VORTAC, proceed direct SPORTYS (PWF) maintain 4000 feet until SPORTYS (PWF). For Cincinnati/Lunken, OH: At CVG VORTAC, proceed direct MADEIRA (MDE) maintain 4000 feet until MADEIRA (MDE). For Falmouth/Gene Snyder, KY: At CVG VORTAC, proceed via V517 FLM VOR/DME, maintain 3000 feet until FLM VOR/DME.





09015 ST-655 (FAA) HARDU TWO ARRIVAL (JAKIE. HARDU2) CINCINNATI, OHIO CINCINNATI APP CON 123.87 363.15 BUTLER COUNTY & CINCINNATI ATIS ARR 134.375 **RGNL** LUNKEN FIELD ATIS 120.25 MADEIRA CINCINNATI 379 MDE = .. BLUE ASH N39°13.36′ W84° 21.32′ **SPORTYS** 245 PWF == CINCINNATI CINCINNATI N39°04.60 CINCINNATI MUNI 117.3 CVG **NORTHERN** W84° 12.92 AIRPORT-LUNKEN FIELD Chan 120 KENTUCKY INTL N39°00.96′ W84° 42.20' CLERMONT COUNTY **JAKIE** N38° 25.92′ W84° 09.18′ **ZETLA** VERTICAL NAVIGATION **GENE SNYDER** N38° 55.70' PLANNING INFORMATION W84° 44.62' TURBOJETS: Expect clearance to cross at 11000'. SE-1, 23 SEP 2010 to 21 OCT 2010 1261 NON-TURBOJETS: Expect clearance to cross at 9000'. **FALMOUTH** NEWCOMBE 117.0 FLM :==: Chan 117 110.4 ECB **±:..**∙ Chan 41 N38° 38.97 N38°09.50′ W84° 18.64′ W82°54.60′ R-107 R-106 -**LEXINGTON** 112.6 HYK =:= Chan 73 **HARDU** N37° 46.69' **TAYOS** W83° 41.15' N37°38.37' W83° 35.29′ NOTE: DME Required. CHEDA NOTE: ECB not a transition, for holding only N37°19.79' as assigned by ATC. W83°38.64' **PACKO** N36° 47.10′ 8 W82°42.70′ 48) 1/80 **ARTUR** N36°31.97′ (3₅₎ W83°47.12 R-279 FL180 011°-(38) VOLUNTEER 116.4 VXV :::-Chan 111 HOLSTON MOUNTAIN 114.6 HMV ∷-Chan 93 N35°54.29′ - W83°53.68′ N36° 26.22′ - W82° 07.77 L-25, H-9-12 (NARRATIVE ON FOLLOWING PAGE) L-25, H-9-12 NOTE: Chart not to scale.

HARDU TWO ARRIVAL (JAKIE.HARDU2)

HARDU TWO ARRIVAL (JAKIE HARDU2)

ARRIVAL DESCRIPTION

HOLSTON MOUNTAIN TRANSITION (HMV.HARDU2): From over HMV VORTAC via HMV R-311 and VXV R-011 to TAYOS INT, then via FLM R-154 to JAKIE INT. Thence. . . .

VOLUNTEER TRANSITION (VXV.HARDU2): From over VXV VORTAC via VXV R-011 and FLM R-154 to JAKIE INT. Thence. . . .

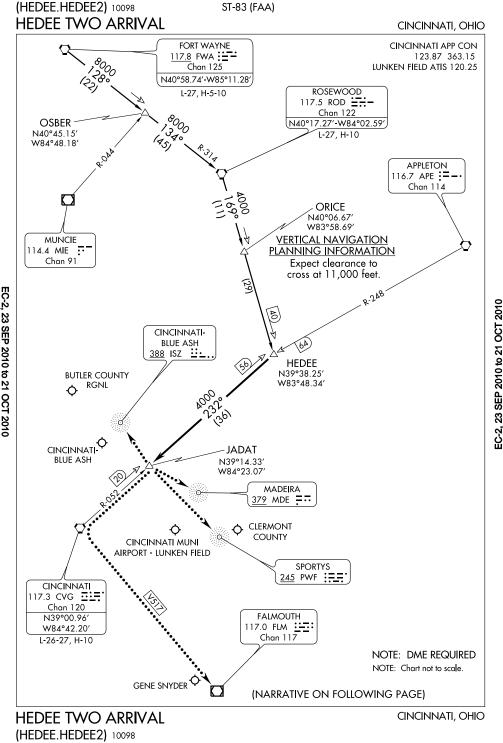
. .From over JAKIE INT via FLM R-154 to FLM VOR/DME, then via FLM R-314 to ZETLA INT. Expect vectors to final approach course after JAKIE INT.

LOST COMMUNICATIONS:

For Batavia/Clermont County, OH: At ZETLA INT, proceed direct to CVG VORTAC then direct SPORTYS (PWF). Maintain 4000 feet until SPORTYS (PWF). For Butler County Rgnl, OH: At ZETLA INT, proceed direct to CVG VORTAC. Maintain 3000 feet until CVG VORTAC. For Cincinnati/Blue Ash, OH: At ZETLA INT, proceed direct CVG VORTAC,

then V517 FLM VOR/DME. Maintain 4000 feet until FLM VOR/DME. For Cincinnati/Lunken, OH: At ZETLA INT, proceed direct CVG VORTAC then direct MADEIRA (MDE). Maintain 4000 until MADEIRA (MDE). For Falmouth/Gene Snyder, KY: At ZETLA INT, proceed direct CVG VORTAC

then via V517 FLM VOR/DME. Maintain 3000 feet until FLM VOR/DME.



ARRIVAL ROUTE DESCRIPTION

FORT WAYNE TRANSITION (FWA.HEDEE2): From over FWA VORTAC via FWA R-128 to OSBER/FWA 22 DME, then via ROD R-314 to ROD VORTAC, then via ROD R-169 to HEDEE INT. Thence. . . .

ROSEWOOD TRANSITION (ROD.HEDEE2): From over ROD VORTAC via ROD R-169 to HEDEE INT. Thence. . . .

. . . . From over HEDEE INT via CVG R-052 (MEA 4,000) to JADAT/CVG 20 DME, expect radar vectors to final approach course at JADAT.

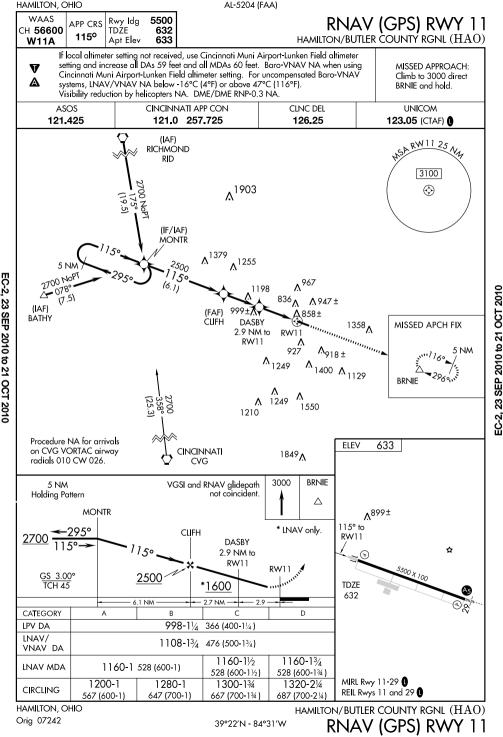
LOST COMMUNICATION PROCEDURE In the event of lost communications for:

CINCINNATI MUNI AIRPORT - LUNKEN FIELD - At JADAT, proceed direct MADEIRA (MDE) maintain 4,000 feet until MADEIRA (MDE). CINCINNATI BLUE ASH - At JADAT, proceed direct BLUE ASH (ISZ), maintain 4,000 feet

until BLUE ASH (ISZ).

CLERMONT COUNTY - At JADAT, proceed direct SPORTYS (PWF), maintain 4,000 feet until SPORTYS (PWF). GENE SNYDER - At JADAT, proceed direct CVG VORTAC then via V517 to FLM VOR/DME, maintain 4,000 feet until FLM VOR/DME.

HEDEE TWO ARRIVAL (HEDEE.HEDEE2) 10154



RNAV (GPS) RWY 29

HAMILTON/BUTLER COUNTY RGNL (HAO) MALSR

If local altimeter setting not received, use Cincinnati Muni Airport-Lunken Field altimeter setting and increase all DAs 59 feet and all MDAs 60 feet. VDP NA when using Cincinnati MISSED APPROACH: V Muni Airport-Lunken Field altimeter setting. Baro-VNAV NA when using Cincinnati Muni **A**5 -↓-Climb to 2700 direct Airport-Lunken Field altimeter setting. For uncompensated Baro-VNAV systems, LNAV/ A MONTR and hold. VNAV NA below -16°C (4°F) or above 48°C (118°F). For inoperative MALSR, increase LPV visibility to 11/4 all Cats and LNAV Cat A/B visibility to 1. DME/DME RNP-0.3 NA. ASOS CINCINNATI APP CON CLNC DEL LINICOM 121,425 121.0 257,725 126,25 123.05 (CTAF) (¹⁹⁰³∧ CINPA RICHMOND RID (40.3) 70° ۸¹³⁷⁹ MONTR ^¹²⁵⁵ PUNUE 5 NM 1198 3.3 NM to 836V RW29 1048± Λ¹³²⁵ Λ RW29 **∧** 1358 23 SEP 2010 to 21 OCT 2010 927 18± **1** 819 1400∧ **^** 1249 2600 2960 SA RW 29 25 Ny 1129 1 (FAF) ^¹²⁴⁹ 5 NM **HOLGR** 18.2j ۸¹⁵⁵⁰ 3100 (IF/IAF) 1210 \bigcirc BRNIE ۸¹⁸⁴⁹ 3000 Procedure NA for arrivals OPOS at CVG VORTAC via (1¹2) ELEV 633 airway radials 010 CW 109. CINCINNAT

∧^{899±} 2700 MONTR VGSI and RNAV glidepath BRNIF not coincident. **HOLGR** 3000 **PUNUE** ₂96 3.3 NM to *1.6 NM to 296° to RW29 RW29 RW29 **5 NM RW29** Holding Pattern 2600 *1700 GS 3.00 ૭્ર TCH 46 * LNAV Only TDZE - 2.7 NM · 8.2 NM --- 1.7 NM -619 **CATEGORY** D 944-3/4 LPV DA 325 (400-3/4) LNAV/ 1128-11/4 509 (500-11/4) VNAV DA 1140-1 1140-11/4 1140-3/4 521 (600-3/4) LNAV MDA 521 (600-1) 521 (600-11/4) MIRL Rwy 11-29 1 1200-1 1280-1 1300-134 1320-21/4 CIRCLING REIL Rwys 11 and 29 1 567 (600-1) 647 (700-1) 667 (700-1%) 687 (700-21/4) HAMILTON, OHIO HAMILTON/BUTLER COUNTY RGNL (HAO)

CVG

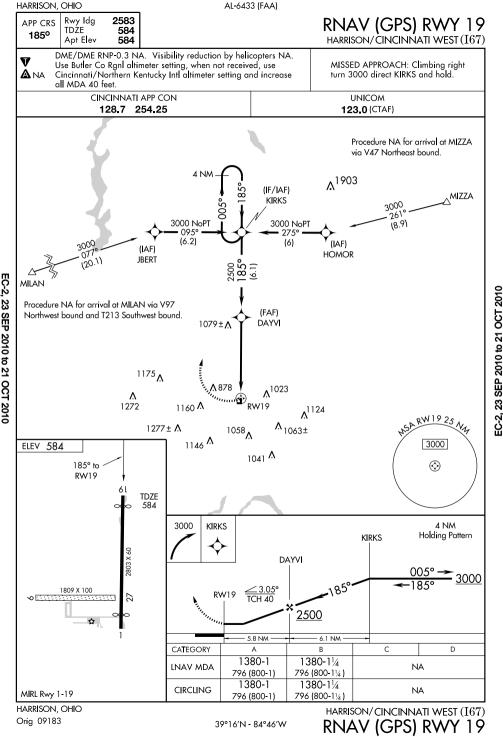
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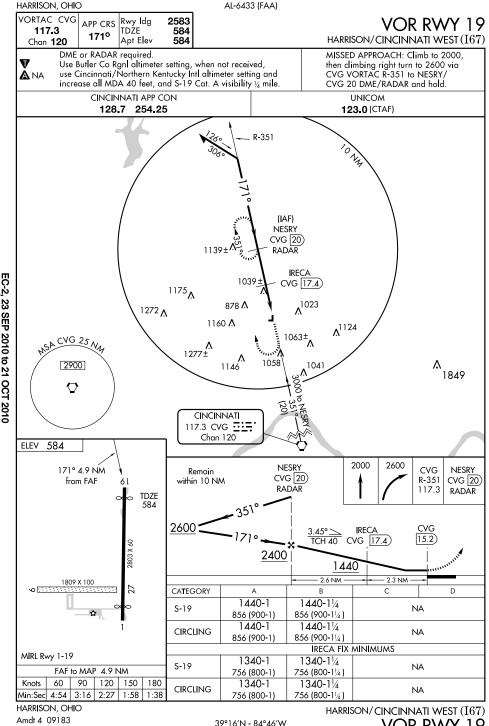
RNAV (GPS) RW

239 OHIO HAMILTON BUTLER CO RGNL (HAO) 3 SE UTC-5(-4DT) N39°21.83′ W84°31.32′ CINCINNATI S4 FUEL 100LL, JET A OX 4 NOTAM FILE HAO H-10G, L-27E RWY 11-29: H5500X100 (ASPH) S-60, D-75, 2D-39 MIRL IAP RWY 11: REIL. PAPI (P4L)-GA 3.5° TCH 26'. Bldg. RWY 29: MALSR. REIL. PAPI (P4L)-GA 3.0°TCH 25'. P-line. AIRPORT REMARKS: Attended Nov-Mar 1200-0200Z‡, Apr-Oct 1200-0300Z‡. ACTIVATE MIRL Rwy 11-29 and REIL Rwys 11 and 29 and MALSR Rwy 29-CTAF. WEATHER DATA SOURCES: ASOS 121,425 (513) 863-6137 COMMUNICATIONS: CTAF/UNICOM 123.05 (R) CINCINNATI APP/DEP CON 121.0 CLNC DEL 126.25 RADIO AIDS TO NAVIGATION: NOTAM FILE CVG. Chan 120 N39°00.96′ W84°42.20′ 026° 22.5 NM to fld. 879/04W. CINCINNATI (L) VORTAC 117.3 CVG HAMILTON NDB (MHW) 260 HAO N39°22.37′ W84°34.33′ 107° 2.4 NM to fld. NOTAM FILE DAY. ILS/DME 109.75 I-ROF Chan 34(Y) Rwy 29. Class IT. LOC unusable byd 20° right of course. HARDIN CO (See KENTON) HARRISON CINCINNATI WEST (I67) 2 E UTC-5(-4DT) N39°15.54′ W84°46.46′ CINCINNATI NOTAM FILE DAY L-27E 584 B S4 FUEL 100LL RWY 01-19: H2803X60 (ASPH) MIRL IAP RWY 01: Thid dsplcd 308', P-line. RWY 19: Thid dspicd 220'. Tree. RWY 09-27: 1809X100 (TURF) RWY N9. Tree RWY 27: Tree. AIRPORT REMARKS: Attended Oct-Apr 1300Z‡-dusk, May-Sep 1300-0100Z‡. Unattended all major holidays. For Jet A availability call 513-367-0231. Rwy 09-27 CLOSED indef. COMMUNICATIONS: CTAF/UNICOM 123.0 (R) APP/DEP CON 128.7 RADIO AIDS TO NAVIGATION: NOTAM FILE CVG. (L) VORTAC 117.3 CVG Chan 120 N39°00.96′ W84°42.20′ 351° 14.9 NM to fld. 879/04W. HARRISON CO (See CADIZ) HARRY CIEVER FID (See NEW PHILADELPHIA) HENRY CO (See NAPOLEON) HENDERSON (WV) N38°45.25′ W82°01.57′ NOTAM FILE EKN. CINCINNATI 334° 39.5 NM to Vinton Co. 860/3W. H-10G, L-22F, 26H (H) VORTAC 115.9 HNN Chan 106 DME portion unusable 185°-194° byd 10 NM blo 8000'; 195°-204° byd 30 NM blo 8000'. HIGHLAND CO (See HILLSBORO) HILLSBORO N39°11.08′ W83°32.58′. NOTAM FILE DAY. CINCINNATI NDB (MHW) 278 HOC at Highland Co. L-29A RCO 122.2 (DAYTON RADIO) HILLSBORO HIGHLAND CO (HOC) 3 SE UTC-5(-4DT) N39°11.33′ W83°32.33′ CINCINNATI S4 FUEL 100LL, JET A TPA—1677(700) NOTAM FILE DAY L-29A RWY 05-23: H3520X75 (ASPH) S-25 MIRL 1.3% UP SW IAP RWY 23: REIL. PAPI (P2L). Trees. RWY 05: Trees AIRPORT REMARKS: Attended Mon-Sat 1300-2200Z‡, Sun 1700-2200Z‡. Rwy 05-23 lgts NW side OTS indef. Rwy 23 REIL OTS indef. ACTIVATE MIRL Rwv 05-23 and REIL Rwv 23-CTAF. WEATHER DATA SOURCES: AWOS-3 118.175 (937) 393-9038. COMMUNICATIONS: CTAF/UNICOM 123.05 HILLSBORO RCO 122.2 (DAYTON RADIO) INDIANAPOLIS CENTER APP/DEP CON 135.575 RADIO AIDS TO NAVIGATION: NOTAM FILE LOU. YORK (L) VORTAC 112.8 YRK Chan 75 N38°38.65' W82°58.70' 326° 41.9 NM to fld. 1040/5W. HILLSBORO NDB (MHW) 278 HOC N39°11.08′ W83°32.58′ at fld. NOTAM FILE DAY.

HINDE

(see HURON)

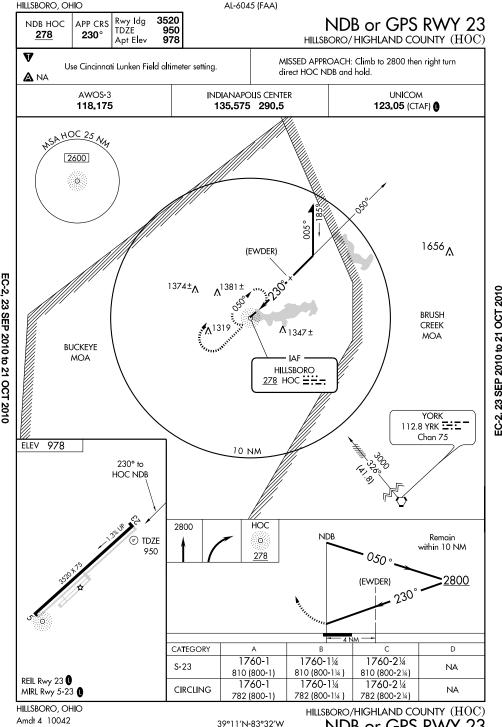




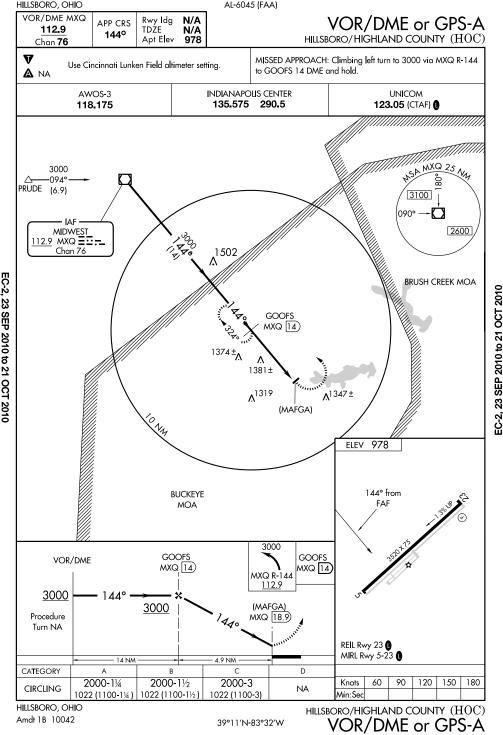
239 OHIO HAMILTON BUTLER CO RGNL (HAO) 3 SE UTC-5(-4DT) N39°21.83′ W84°31.32′ CINCINNATI S4 FUEL 100LL, JET A OX 4 NOTAM FILE HAO H-10G, L-27E RWY 11-29: H5500X100 (ASPH) S-60, D-75, 2D-39 MIRL IAP RWY 11: REIL. PAPI (P4L)-GA 3.5° TCH 26'. Bldg. RWY 29: MALSR. REIL. PAPI (P4L)-GA 3.0°TCH 25'. P-line. AIRPORT REMARKS: Attended Nov-Mar 1200-0200Z‡, Apr-Oct 1200-0300Z‡. ACTIVATE MIRL Rwy 11-29 and REIL Rwys 11 and 29 and MALSR Rwy 29-CTAF. WEATHER DATA SOURCES: ASOS 121,425 (513) 863-6137 COMMUNICATIONS: CTAF/UNICOM 123.05 (R) CINCINNATI APP/DEP CON 121.0 CLNC DEL 126.25 RADIO AIDS TO NAVIGATION: NOTAM FILE CVG. Chan 120 N39°00.96′ W84°42.20′ 026° 22.5 NM to fld. 879/04W. CINCINNATI (L) VORTAC 117.3 CVG HAMILTON NDB (MHW) 260 HAO N39°22.37′ W84°34.33′ 107° 2.4 NM to fld. NOTAM FILE DAY. ILS/DME 109.75 I-ROF Chan 34(Y) Rwy 29. Class IT. LOC unusable byd 20° right of course. HARDIN CO (See KENTON) HARRISON CINCINNATI WEST (I67) 2 E UTC-5(-4DT) N39°15.54′ W84°46.46′ CINCINNATI NOTAM FILE DAY L-27E 584 B S4 FUEL 100LL RWY 01-19: H2803X60 (ASPH) MIRL IAP RWY 01: Thid dsplcd 308', P-line. RWY 19: Thid dspicd 220'. Tree. RWY 09-27: 1809X100 (TURF) RWY N9. Tree RWY 27: Tree. AIRPORT REMARKS: Attended Oct-Apr 1300Z‡-dusk, May-Sep 1300-0100Z‡. Unattended all major holidays. For Jet A availability call 513-367-0231. Rwy 09-27 CLOSED indef. COMMUNICATIONS: CTAF/UNICOM 123.0 (R) APP/DEP CON 128.7 RADIO AIDS TO NAVIGATION: NOTAM FILE CVG. (L) VORTAC 117.3 CVG Chan 120 N39°00.96′ W84°42.20′ 351° 14.9 NM to fld. 879/04W. HARRISON CO (See CADIZ) HARRY CIEVER FID (See NEW PHILADELPHIA) HENRY CO (See NAPOLEON) HENDERSON (WV) N38°45.25′ W82°01.57′ NOTAM FILE EKN. CINCINNATI 334° 39.5 NM to Vinton Co. 860/3W. H-10G, L-22F, 26H (H) VORTAC 115.9 HNN Chan 106 DME portion unusable 185°-194° byd 10 NM blo 8000'; 195°-204° byd 30 NM blo 8000'. HIGHLAND CO (See HILLSBORO) HILLSBORO N39°11.08′ W83°32.58′. NOTAM FILE DAY. CINCINNATI NDB (MHW) 278 HOC at Highland Co. L-29A RCO 122.2 (DAYTON RADIO) HILLSBORO HIGHLAND CO (HOC) 3 SE UTC-5(-4DT) N39°11.33′ W83°32.33′ CINCINNATI S4 FUEL 100LL, JET A TPA—1677(700) NOTAM FILE DAY L-29A RWY 05-23: H3520X75 (ASPH) S-25 MIRL 1.3% UP SW IAP RWY 23: REIL. PAPI (P2L). Trees. RWY 05: Trees AIRPORT REMARKS: Attended Mon-Sat 1300-2200Z‡, Sun 1700-2200Z‡. Rwy 05-23 lgts NW side OTS indef. Rwy 23 REIL OTS indef. ACTIVATE MIRL Rwv 05-23 and REIL Rwv 23-CTAF. WEATHER DATA SOURCES: AWOS-3 118.175 (937) 393-9038. COMMUNICATIONS: CTAF/UNICOM 123.05 HILLSBORO RCO 122.2 (DAYTON RADIO) INDIANAPOLIS CENTER APP/DEP CON 135.575 RADIO AIDS TO NAVIGATION: NOTAM FILE LOU. YORK (L) VORTAC 112.8 YRK Chan 75 N38°38.65' W82°58.70' 326° 41.9 NM to fld. 1040/5W. HILLSBORO NDB (MHW) 278 HOC N39°11.08′ W83°32.58′ at fld. NOTAM FILE DAY.

HINDE

(see HURON)



NDB or GPS RWY 23



UHIO 240 HOGAF N41°34.45′ W81°28.27′ NOTAM FILE CGF. DETROIT NDB (LMM) 521 GF at Cuyahoga Co. SHUTDOWN. HOLLISTER FIELD (See WILMINGTON) HOLMES CO (See MILLERSBURG) **HOOK FLD** N39°29.93′ W84°26.85′ NOTAM FILE DAY. CINCINNATI NDB (MHW) 239 HKF 054° 3.1 NM to Middletown Rgnl/Hook Fld. NDB OTS indef. L-27E HUBBARD N41°09.17′ W80°31.89′ NOTAM FILE CLE. DETROIT NDB (MHW) 408 HBD 259° 4.2 NM to Lansdowne. L-30H HURON HINDE (88D) 3 NW UTC-5(-4DT) N41°24.22′ W82°36.08′ DETROIT 609 NOTAM FILE CLE RWY 11-29: 2500X70 (TURF) RWY 29: Brush. RWY 11: Road. AIRPORT REMARKS: Unattended. Arpt CLOSED at ngt. Rwy soft when wet. **COMMUNICATIONS: CTAF 122.9 JACKSON** JAMES A RHODES (I43) 5 SE UTC-5(-4DT) N38°58.88' W82°34.67' CINCINNATI S4 FUEL 100LL, JET A1+ NOTAM FILE DAY H-10G, L-29A RWY 01-19: H5201X75 (ASPH) MIRL IAP RWY 01: Thid dspicd 331'. Tree. €3 €3 RWY 19: REIL. VASI(S2L). Trees. Ø AIRPORT REMARKS: Attended Mon-Fri 1300-1800Z‡. MIRL Rwy 01-19 preset low ints dusk-dawn, to increase ints and ACTIVATE-CTAF. Rwy 19 REIL OTS indef. (3 (3 WEATHER DATA SOURCES: AWOS-3 118.825 (740) 286-1760. Cultivated G G COMMUNICATIONS: CTAF/UNICOM 122.7 G G G R HUNTINGTON APP/DEP CON 128.4 3 RADIO AIDS TO NAVIGATION: NOTAM FILE EKN. HENDERSON (H) VORTAC 115.9 HNN Chan 106 N38°45.25' **3** 3 W82°01.57' 301° 29.2 NM to fld. 880/03W. €3 €3 €3 Ø Ø a €3 JAMES A RHODES (See JACKSON) JAMES M COX DAYTON INTL (See DAYTON) JAMESTOWN BLOOM (14I) 2 SW UTC-5(-4DT) N39°38.00′ W83°45.00′ CINCINNATI 1050 TPA-1850(800) NOTAM FILE DAY RWY 06-24: 1220X80 (TURF) RWY 06: Pole. RWY 24: Pole. AIRPORT REMARKS: Unattended. COMMUNICATIONS: CTAF 122.9 JEFFERSON CO AIRPARK (See STEUBENVILLE) JEFFERSON N41°45.61′ W80°44.89′ NOTAM FILE CLE. DETROIT (L) VOR/DME 115.2 JFN Chan 99 070° 2.6 NM to Ashtabula Co. 900/5W. L-30G DME unusable:

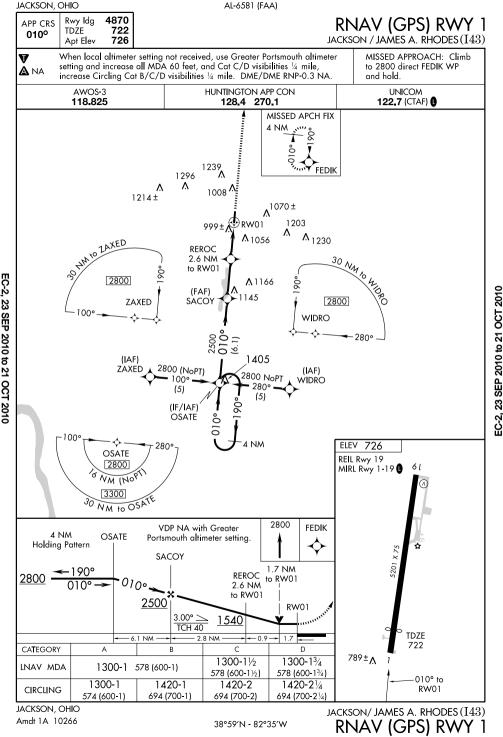
191°-230°

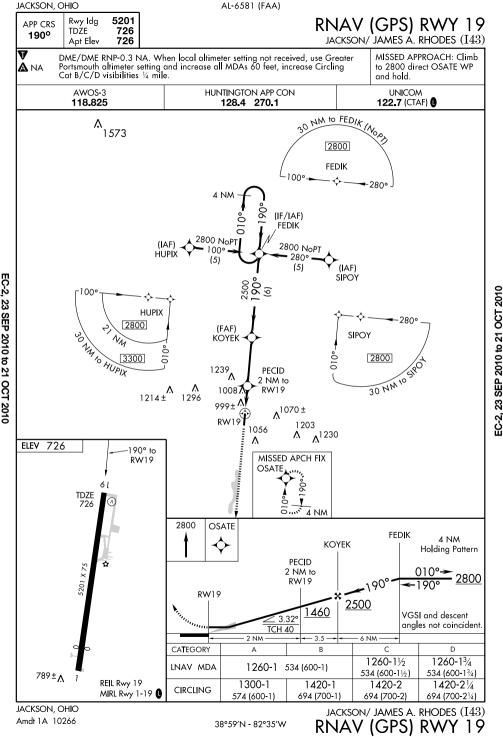
231°-260° byd 30 NM blo 3500'

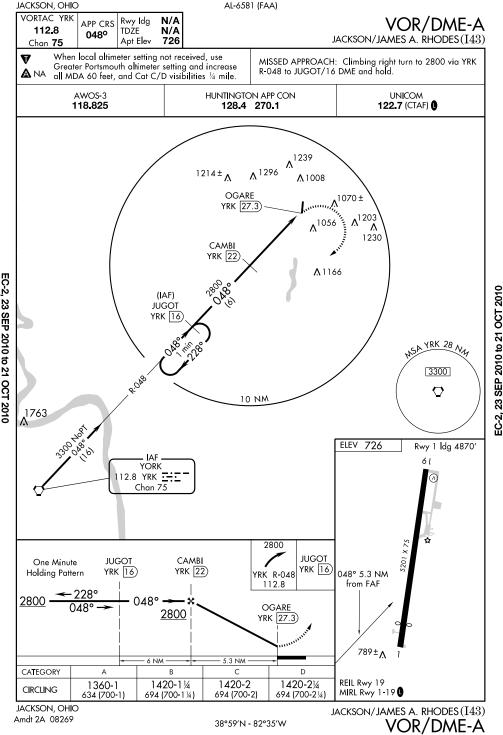
085°-125° byd 35 NM blo 3500'

126°-190° byd 20 NM blo 3500'

RCO 122 1R 115 2T (CLEVELAND RADIO)







OHIO 241 KELLEYS ISLAND LAND FLD (89D) 1 NE UTC-5(-4DT) N41°36.17′ W82°41.08′ DETROIT

AIRPORT REMARKS: Unattended. Rwy 18-36 CLOSED indef. Rwy 09-27 pavement poor-weathered with cracks. Ldg

R S4 RWY 01-19: H4000X60 (ASPH) MIRL RWY 01: REIL. VASI(V4L)—GA 3.5° TCH 42'. Thid dsplcd 49'. Trees.

and Rwy 19 REIL OTS indef.

CLNC DEL 125.65

AKRON (L) VOR/DME 114.4

AKRON NDB (MHW/LOM) 362

(195)

RWY 04-22: H4797X75 (ASPH)

W81°12.09'

KENTON

HARDIN CO

COMMUNICATIONS: CTAF/UNICOM 122.725

RADIO AIDS TO NAVIGATION: NOTAM FILE CAK.

5.1 NM to fld. NOTAM FILE CLE.

RADIO AIDS TO NAVIGATION: NOTAM FILE FDY.

3 SW

R AKRON-CANTON APP/DEP CON 118.6 (1100-0500Z‡)

(R) CLEVELAND CENTER APP/DEP CON 120.775 (0500-1100Z±)

598 NOTAM FILE CLE RWY 18-36: H2270X35 (ASPH)

RWY 18: Bldg. RWY 09-27: H2203X50 (ASPH)

RWY 09: Trees.

KENT STATE UNIV

COMMUNICATIONS: CTAF 122.9 (1G3) 3 W UTC-5(-4DT)

FUEL 100LL, JET A1+ 0.4% up N RWY 19: REIL, VASI(V4L)-GA 3.0° TCH 35', Trees. AIRPORT REMARKS: Attended Mon-Fri 1130Z‡-dusk, Sat-Sun

LIRL RWY 36: Trees.

LIRI

RWY 27: Tree.

1300Z±-dusk, Self syc fuel avbl. Self syc fuel OTS indef. Ramp

ACO Chan 91 N41°06.47'

AK N41°04.19′ W81°23.25′

UTC-5(-4DT) N40°36.61' W83°38.66'

S-19 MIRL 0.5% up SW

289° 10 NM to fld. 1194/4W.

S4 FUEL 100LL, JET A1+ TPA-2022(1000)

RWY 22: Road.

FDY

fee for multi-engine and turbine powered acft-waived with fuel purchase. Deer on and invof arpt. For noise abatement procedures ctc arpt manager on 330-672-1943, ACTIVATE MIRL

TPA-1984(850)

Rwv 01-19: VASI and REIL Rwv 01 and Rwv 19-122.9. Rwv 01

N41°09.08' W81°24.91'

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1400-2300Z‡. Birds on and invof arpt. ACTIVATE MIRL Rwy 04-22-CTAF. COMMUNICATIONS: CTAF/UNICOM 122.8 INDIANAPOLIS CENTER APP/DEP CON 128.075

RWY 04: Fence.

ALLEN CO (T) VOR 108.4 unusable 091°-109° byd 20 NM. KNOX CO (See MOUNT VERNON)

FINDLAY (L) VORTAC 108.2

KOONS (See SALEM) LAGRANGE (92D) 2 S

> RWY 18-36: 1410X95 (TURF) RWY 18: Tree.

> > (See CFLINA)

RWY 09: P-line.

LAKEFIELD

RWY 09-27: 2670X95 (TURF)

RWY 27: Trees

DETROIT

AIRPORT REMARKS: Attended Sat-Sun 1400-2000Z±, May-Oct Mon-Fri 1300-0100Z±, Nov-Apr Mon-Fri Chan 19 N40°57.32′ W83°45.36′ 168° 21.3 NM to fld. 820/2W.

AOH N40°42.43′ W83°58.09′ 115° 15.9 NM to fld. NOTAM FILE DAY. VOR portion

N41°12.17′ W82°06.91′

TPA-1843(1000)

UTC-5(-4DT) NOTAM FILE CLE

AIRPORT REMARKS: Attended irregularly. Arpt occasionally CLOSED for radio controlled model flying. Req blind call on

RWY 36: Trees. 122.9 at arrival and departure as safety procedure. Rwy 09-27 and Rwy 18-36 soft when wet during spring or after heavy rains, ctc arpt manager for rwy condition 440-610-6013. Rwy 36 has no line of sight with Rwy 09

and Rwy 27 ends. Rwy 18-36 marked with white tires. COMMUNICATIONS: CTAF 122.9

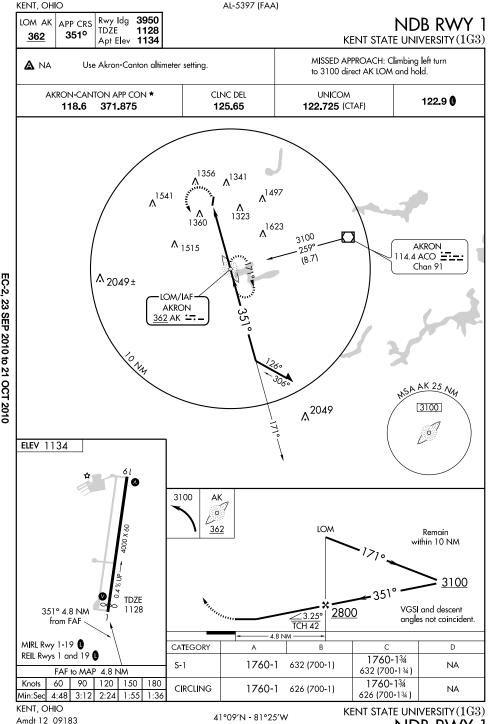
DETROIT

1-27F IAP

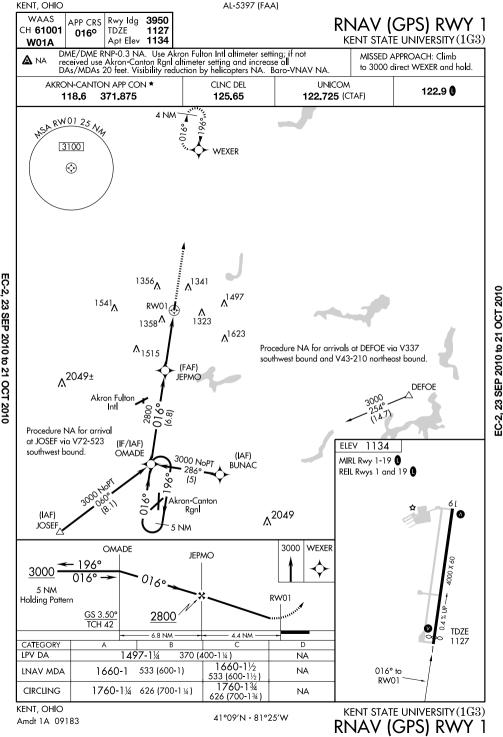
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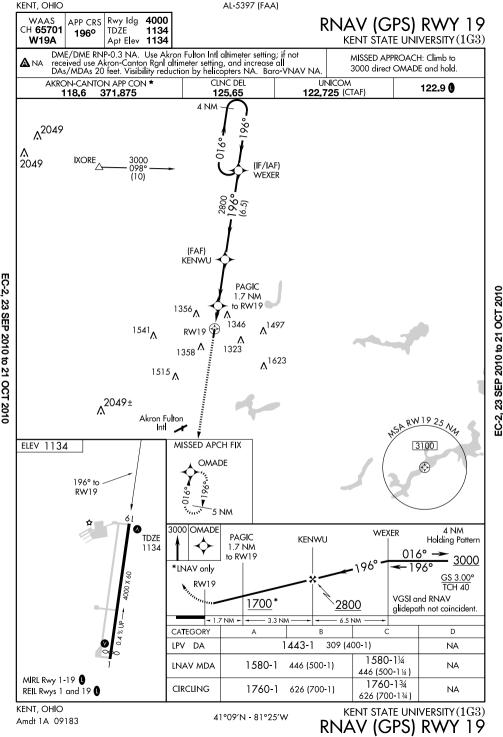
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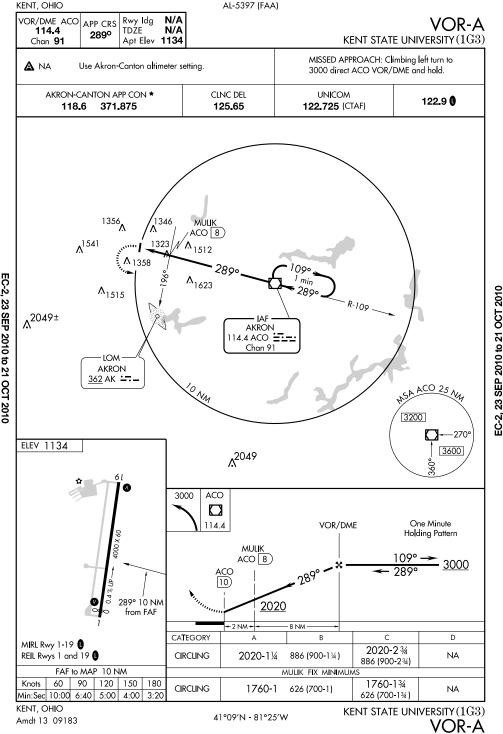
IAP



NDB RWY







OHIO 241 KELLEYS ISLAND LAND FLD (89D) 1 NE UTC-5(-4DT) N41°36.17′ W82°41.08′ DETROIT

AIRPORT REMARKS: Unattended. Rwy 18-36 CLOSED indef. Rwy 09-27 pavement poor-weathered with cracks. Ldg

R S4 RWY 01-19: H4000X60 (ASPH) MIRL RWY 01: REIL. VASI(V4L)—GA 3.5° TCH 42'. Thid dsplcd 49'. Trees.

and Rwy 19 REIL OTS indef.

CLNC DEL 125.65

AKRON (L) VOR/DME 114.4

AKRON NDB (MHW/LOM) 362

(195)

RWY 04-22: H4797X75 (ASPH)

W81°12.09'

KENTON

HARDIN CO

COMMUNICATIONS: CTAF/UNICOM 122.725

RADIO AIDS TO NAVIGATION: NOTAM FILE CAK.

5.1 NM to fld. NOTAM FILE CLE.

RADIO AIDS TO NAVIGATION: NOTAM FILE FDY.

3 SW

R AKRON-CANTON APP/DEP CON 118.6 (1100-0500Z‡)

(R) CLEVELAND CENTER APP/DEP CON 120.775 (0500-1100Z±)

598 NOTAM FILE CLE RWY 18-36: H2270X35 (ASPH)

RWY 18: Bldg. RWY 09-27: H2203X50 (ASPH)

RWY 09: Trees.

KENT STATE UNIV

COMMUNICATIONS: CTAF 122.9 (1G3) 3 W UTC-5(-4DT)

FUEL 100LL, JET A1+ 0.4% up N RWY 19: REIL, VASI(V4L)-GA 3.0° TCH 35', Trees. AIRPORT REMARKS: Attended Mon-Fri 1130Z‡-dusk, Sat-Sun

LIRL RWY 36: Trees.

LIRI

RWY 27: Tree.

1300Z±-dusk, Self syc fuel avbl. Self syc fuel OTS indef. Ramp

ACO Chan 91 N41°06.47'

AK N41°04.19′ W81°23.25′

UTC-5(-4DT) N40°36.61' W83°38.66'

S-19 MIRL 0.5% up SW

289° 10 NM to fld. 1194/4W.

S4 FUEL 100LL, JET A1+ TPA-2022(1000)

RWY 22: Road.

FDY

fee for multi-engine and turbine powered acft-waived with fuel purchase. Deer on and invof arpt. For noise abatement procedures ctc arpt manager on 330-672-1943, ACTIVATE MIRL

TPA-1984(850)

Rwv 01-19: VASI and REIL Rwv 01 and Rwv 19-122.9. Rwv 01

N41°09.08' W81°24.91'

NOTAM FILE CLE

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1400-2300Z‡. Birds on and invof arpt. ACTIVATE MIRL Rwy 04-22-CTAF. COMMUNICATIONS: CTAF/UNICOM 122.8 INDIANAPOLIS CENTER APP/DEP CON 128.075

RWY 04: Fence.

ALLEN CO (T) VOR 108.4 unusable 091°-109° byd 20 NM. KNOX CO (See MOUNT VERNON)

FINDLAY (L) VORTAC 108.2

KOONS (See SALEM) LAGRANGE (92D) 2 S

> RWY 18-36: 1410X95 (TURF) RWY 18: Tree.

> > (See CFLINA)

RWY 09: P-line.

LAKEFIELD

RWY 09-27: 2670X95 (TURF)

RWY 27: Trees

DETROIT

AIRPORT REMARKS: Attended Sat-Sun 1400-2000Z±, May-Oct Mon-Fri 1300-0100Z±, Nov-Apr Mon-Fri Chan 19 N40°57.32′ W83°45.36′ 168° 21.3 NM to fld. 820/2W.

AOH N40°42.43′ W83°58.09′ 115° 15.9 NM to fld. NOTAM FILE DAY. VOR portion

N41°12.17′ W82°06.91′

TPA-1843(1000)

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AIRPORT REMARKS: Attended irregularly. Arpt occasionally CLOSED for radio controlled model flying. Req blind call on

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and Rwy 27 ends. Rwy 18-36 marked with white tires. COMMUNICATIONS: CTAF 122.9

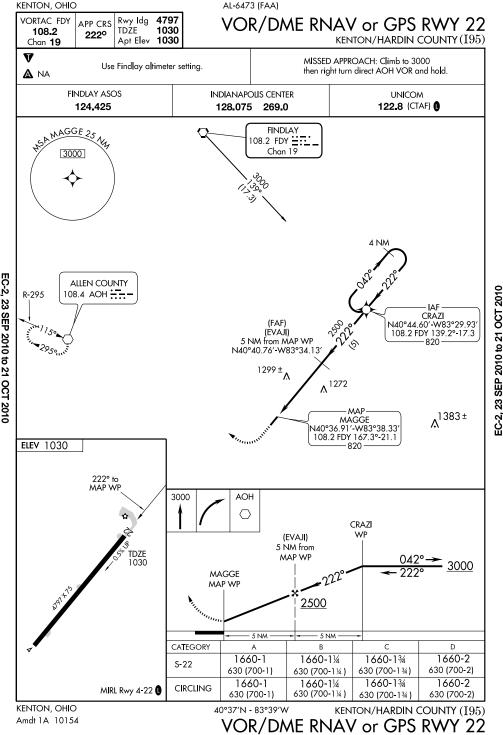
DETROIT

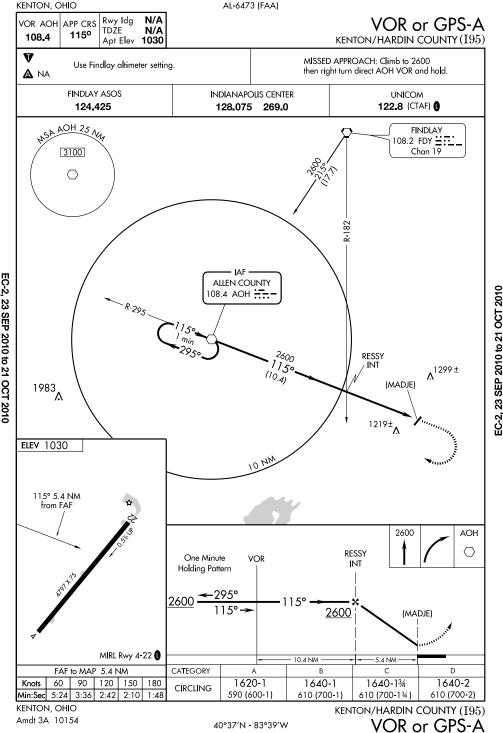
1-27F IAP

DETROIT

1-30G

IAP





242 UHIU

RWY 28: REIL, PAPI(P4L)—GA 3.0°. Thid dsplcd 279'. Road.

WEATHER DATA SOURCES: ASOS 118.375 (740) 681-1097.

LAKELAND N41°40.94′ W81°22.74′ NOTAM FILE CLE. NDB (MHW) 263 LOL at Willoughby Lost Nation Muni. NDB unmonitored.

FUEL 100LL. JET A1 + NOTAM FILE LHO

CINCINNATI H-10G. L-29A

DETROIT

1-30G

ΙΔΡ

COMMUNICATIONS: CTAF/UNICOM 122 725 APPLETON RCO 122.1R 116.7T (DAYTON RADIO) (R) COLUMBUS APP/DEP CON 132.3 CLNC DEL 121.65

RADIO AIDS TO NAVIGATION: NOTAM FILE DAY.

I-LHO

(LHO)

RWY 10-28: H5004X75 (ASPH) S-25.5, D-38.5

RWY 10: REIL. PAPI(P4L)-GA 3.0°. Trees.

S4

LANCASTER FAIRFIFI D CO

hours.

AWIH

ILS 111.9

CASER NDB (LOM) 338 LH N39°44.93′ W82°32.12′ 280° 5.7 NM to fld. Unmonitored. Rwv 28. LOM CASER NDB.

3 NW UTC-5(-4DT) N39°45.34′ W82°39.43′

AIRPORT REMARKS: Attended 13007±—dark, Arpt unattended Christmas, New Years and Thanksgiving, Fuel available 24 hrs with credit card. Run up area N end Rwy 28 closed permanently. Rwy 28 calm wind preferred rwy. ACTIVATE HIRL Rwv 10-28 and REILS Rwv 10 and Rwv 28-122.725, PAPI Rwv 10 and Rwv 28 operates 24

LANSDOWNE (See YOUNGSTOWN)

LAWRENCE CO AIRPARK (See CHESAPEAKE-HUNTINGTON WVA)

LEBANON-WARREN CO (168)

RWY 19: REIL, PAPI(P4L), Thid dspicd 410' (daigt), Trees.

WEATHER DATA SOURCES: AWOS-3 120.55 (513) 934-5500.

NM to fld. NOTAM FILE DAY, Unmonitored.

AIRPORT REMARKS: Attended 1230-0300Z‡, PAEW adjacent rwy and twy indef, NSTD MIRL Rwy 01-19, not located at correct place

3 NW UTC-5(-4DT) N39°27.73′ W84°15.11′

FUEL 100LL JET A OX 1 NOTAM FILE DAY

RWY 01-19: H4502X65 (ASPH) RWY MIRL (NSTD) 0.3% up N RWY 01: REIL, PAPI(P4R), Thid dsplcd 630', P-line, Rgt tfc.

adjacent to dsplcd thid markings. Rwy 19 dsplcd thid not lgtd. Rwy 01 dsplcd thid at the 630' mark is not lgtd. The former dsplcd thid at 363' mark is lgtd for night ops, Rwy 19 PAPI OTS indef, Rwy 01 REIL OTS indef. ACTIVATE MIRL Rwy 01-19-123.075.

ONIDA NDB (LOM) 223

COMMUNICATIONS: CTAF/UNICOM 123.075 (R) DAYTON APP CON 126.5 (091°-180°) 118.85 127.225 R DAYTON DEP CON 126.5 (091°-180°)

DAYTON CLNC DEL 119.4 (937) 454-7282 RADIO AIDS TO NAVIGATION: NOTAM FILE FFO. MIDWEST (T) VORW/DME 112.9

MXO Chan 76 N39°25 78' W83°48.07' 279° 21 NM to fld 1050/4W. MW N39°34.69′ W84°19.42′

159° 7.7

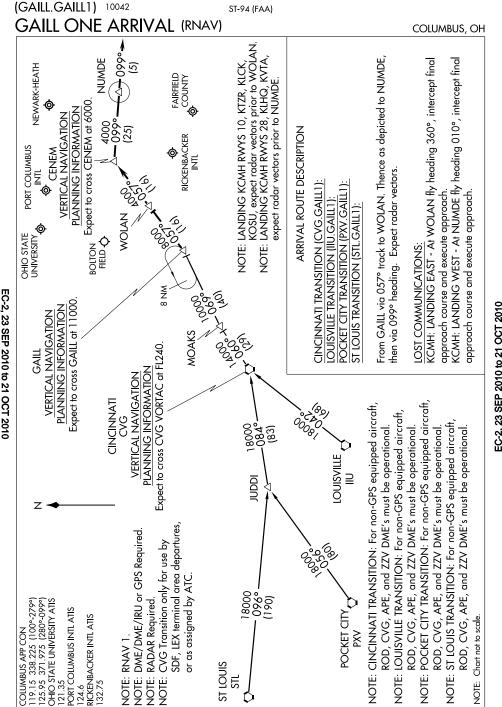
APPLETON (H) VORTAC 116.7 APE Chan 114 N40°09.07′ W82°35.30′ 194° 23.9 NM to fld. 1360/6W. LOC only, LOM unmonitored, LOC unmonitored.

> IAP €3 ß

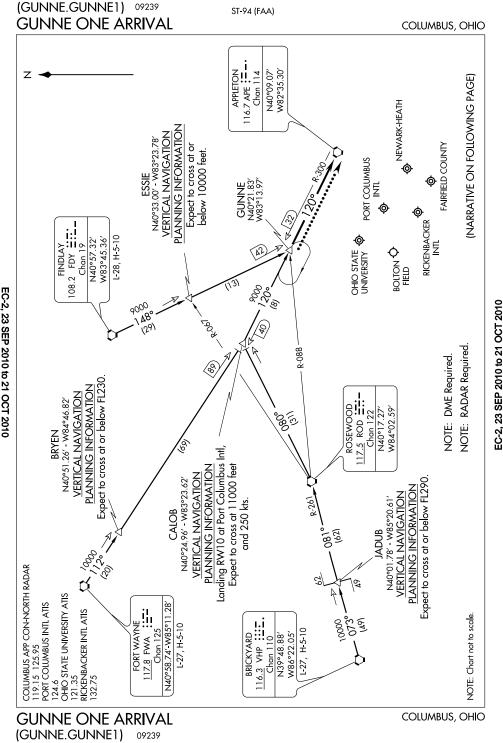
CINCINNATI

L-27E

6 l B



RRIVAL (RNAV)



ST-94 (FAA)

COLUMBUS, OHIO

EC-2, 23 SEP 2010 to 21 OCT 2010

ARRIVAL ROUTE DESCRIPTION

BRICKYARD TRANSITION (VHP.GUNNE1): From over VHP VORTAC via VHP R-073 to JADUB INT, then via ROD R-261 to ROD VORTAC, then via

ROD R-080 to CALOB INT, then via APE R-300 to GUNNE INT. Thence. . . .

FINDLEY TRANSITION (FDY.GUNNE1): From over FDY VORTAC via

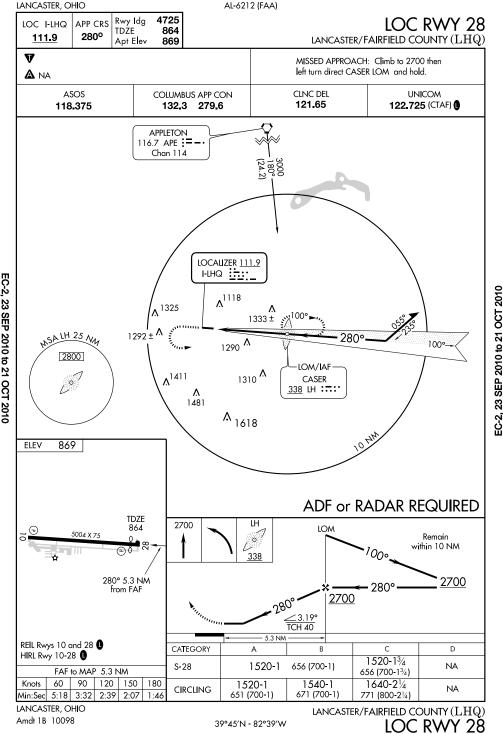
FDY R-148 to GUNNE INT. Thence. . . .

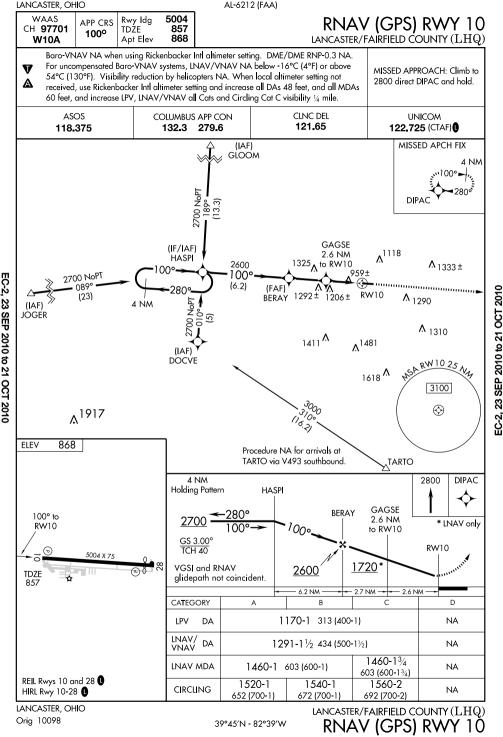
FORT WAYNE TRANSITION (FWA.GUNNE1): From over FWA VORTAC via FWA R-112 to CALOB INT, then via APE R-300 to GUNNE INT. Thence. . . .

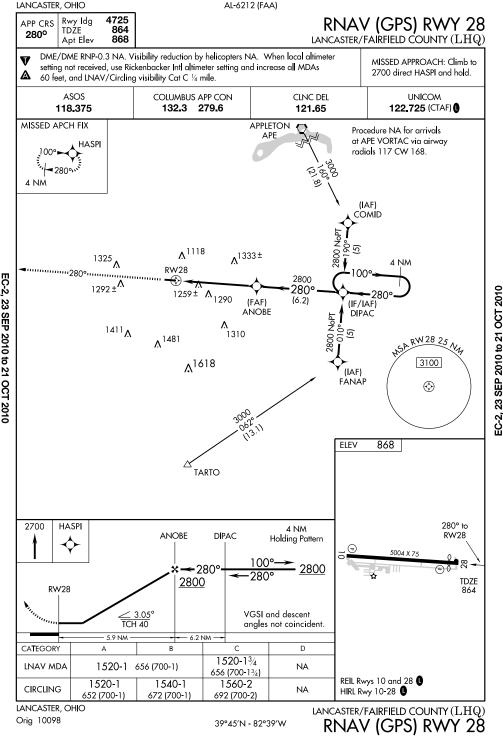
. . . . From over GUNNE via heading 120°. Expect radar vectors to final approach course.

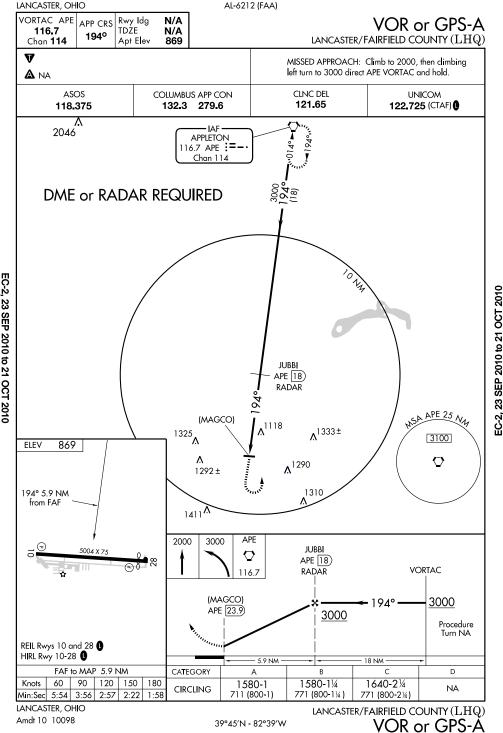
LOST COMMUNICATION PROCEDURE:

For all airports - From over GUNNE INT direct APE VORTAC, maintain 4000 and hold.









242 UHIU

RWY 28: REIL, PAPI(P4L)—GA 3.0°. Thid dsplcd 279'. Road.

LAKELAND N41°40.94′ W81°22.74′ NOTAM FILE CLE. NDB (MHW) 263 LOL at Willoughby Lost Nation Muni. NDB unmonitored.

FUEL 100LL. JET A1 + NOTAM FILE LHO

CINCINNATI

DETROIT

H-10G. L-29A

CINCINNATI

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L-27E

IAP

1-30G

ΙΔΡ

COMMUNICATIONS: CTAF/UNICOM 122 725 APPLETON RCO 122.1R 116.7T (DAYTON RADIO)

(LHO)

RWY 10-28: H5004X75 (ASPH) S-25.5, D-38.5

RWY 10: REIL. PAPI(P4L)-GA 3.0°. Trees.

S4

LANCASTER FAIRFIFI D CO

hours.

AWIH

ONIDA NDB (LOM) 223

LANSDOWNE

ACTIVATE HIRL Rwv 10-28 and REILS Rwv 10 and Rwv 28-122.725, PAPI Rwv 10 and Rwv 28 operates 24 WEATHER DATA SOURCES: ASOS 118.375 (740) 681-1097.

3 NW UTC-5(-4DT) N39°45.34′ W82°39.43′

AIRPORT REMARKS: Attended 13007±—dark, Arpt unattended Christmas, New Years and Thanksgiving, Fuel available 24 hrs with credit card. Run up area N end Rwy 28 closed permanently. Rwy 28 calm wind preferred rwy.

(R) COLUMBUS APP/DEP CON 132.3 CLNC DEL 121.65 RADIO AIDS TO NAVIGATION: NOTAM FILE DAY. APPLETON (H) VORTAC 116.7 APE Chan 114 N40°09.07′ W82°35.30′ 194° 23.9 NM to fld. 1360/6W.

CASER NDB (LOM) 338 LH N39°44.93′ W82°32.12′ 280° 5.7 NM to fld. Unmonitored. ILS 111.9 Rwv 28. LOM CASER NDB. LOC only, LOM unmonitored, LOC unmonitored. I-LHO

LAWRENCE CO AIRPARK (See CHESAPEAKE-HUNTINGTON WVA)

(See YOUNGSTOWN)

LEBANON-WARREN CO (168)3 NW UTC-5(-4DT) N39°27.73′ W84°15.11′

FUEL 100LL JET A OX 1 NOTAM FILE DAY RWY 01-19: H4502X65 (ASPH) RWY MIRL (NSTD) 0.3% up N

RWY 01: REIL, PAPI(P4R), Thid dsplcd 630', P-line, Rgt tfc. RWY 19: REIL, PAPI(P4L), Thid dspicd 410' (daigt), Trees. AIRPORT REMARKS: Attended 1230-0300Z‡, PAEW adjacent rwy and twy

indef, NSTD MIRL Rwy 01-19, not located at correct place

adjacent to dsplcd thid markings. Rwy 19 dsplcd thid not lgtd. Rwy

01 dsplcd thid at the 630' mark is not lgtd. The former dsplcd thid at 363' mark is lgtd for night ops, Rwy 19 PAPI OTS indef, Rwy 01 REIL OTS indef. ACTIVATE MIRL Rwy 01-19-123.075. WEATHER DATA SOURCES: AWOS-3 120.55 (513) 934-5500.

NM to fld. NOTAM FILE DAY, Unmonitored.

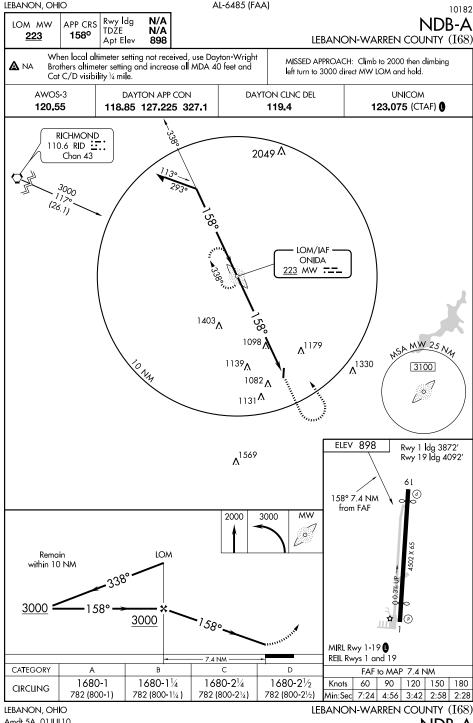
COMMUNICATIONS: CTAF/UNICOM 123.075 (R) DAYTON APP CON 126.5 (091°-180°) 118.85 127.225

R DAYTON DEP CON 126.5 (091°-180°) DAYTON CLNC DEL 119.4 (937) 454-7282

RADIO AIDS TO NAVIGATION: NOTAM FILE FFO. MIDWEST (T) VORW/DME 112.9

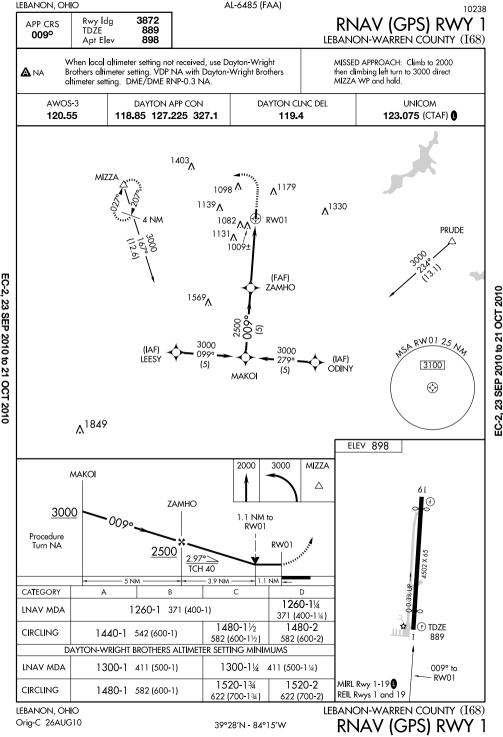
MXO Chan 76 N39°25 78' W83°48.07' 279° 21 NM to fld 1050/4W. MW N39°34.69′ W84°19.42′ 159° 7.7

6 l B



Amdt 5A 01JUL10

23 SEP 2010 to 21 OCT 2010



Amdt 1 09183

LEBANON-WARREN COUNTY (I68)
RNAV (GPS) RWY 19

LEIPSIC

RUHE'S (R47) 3W UTC-5(-4DT) N41°06.19' W84°03.11' 801 S4 NOTAM FILE CLE

LIRL (NSTD) RWY 09: Railroad. RWY 27: Antenna. AIRPORT REMARKS: Attended dalgt hrs. Field primary for

dusting/spraying ops. Most tkfs to W; Idgs E; no tfc pattern for agriculture planes. For LIRL Rwy 09-27 call 419-943-3352. Rwy

RWY 09-27: H4455X65 (ASPH)

side offset 20'.

09-27 NSTD LIRL. Thid Igtd with 360° green Igts and Rwy Igts S

COMMUNICATIONS: CTAF/UNICOM 123 O

RADIO AIDS TO NAVIGATION: NOTAM FILE FDY.

FINDLAY (L) VORTAC 108.2 FDY Chan 19 N40°57.32' W83°45.36' 306° 16.1 NM to fld. 820/2W.

4455 X 65

DETROIT

DETROIT

IAP

H-10G, L-27E

L-28J

LIMA ALLEN CO (AOH) 5 SE UTC-5(-4DT) N40°42.45' W84°01.62' S4 FUEL 100LL, JET A1 + OX 1 RWY 10-28: H6000X150 (ASPH) D-60 HIRL RWY 10: PAPI(P4L)-GA 3.0° TCH 46'. Tree.

RWY 28: REIL. PAPI(P4R)-GA 3.0° TCH 46'. RWY 14-32: 2500X150 (ASPH-TURF) RWY 14. Pole RWY 32. Tree AIRPORT REMARKS: Attended Mon-Thr 1100-0100Z‡, Fri

1100-2300Z‡, Sat 1400-2000Z‡, Sun 1600-2000Z‡. Rwy 14-32 CLOSED winters. Rwv 14-32 first 600' Rwv 32 paved 150' wide. PAPI Rwy 10 and Rwy 28 opr continuously. ACTIVATE HIRL Rwy 10-28 and REIL Rwy 28-CTAF. WEATHER DATA SOURCES: ASOS 108.4 AOH (419) 224-6098. COMMUNICATIONS: CTAF/UNICOM 122.7

RADIO AIDS TO NAVIGATION: NOTAM FILE DAY. FINDLAY (L) VORTAC 108.2 FDY Chan 19 N40°57.32' W83°45.36' 222° 19.3 NM to fld. 820/2W.

ALLEN CO RCO 122.1R 108.4T (DAYTON RADIO) INDIANAPOLIS CENTER APP/DEP CON 128.075

2.7 NM to fld. ASOS. VOR portion unusable 091°-109° byd 20 NM.

NOTAM FILE FDY.

ILS 109.3 I-AOH

NOTAM FILE AOH 0.5% up E.

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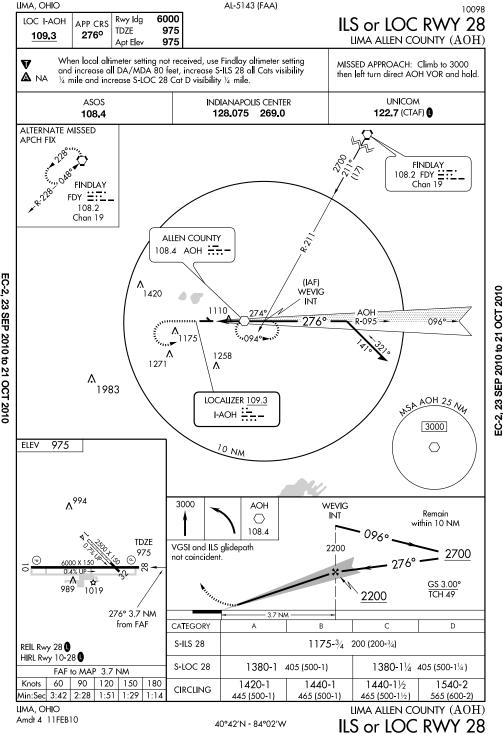
LYL N40°42.27′ W84°01.40′ at fld, Unmonitored, SHUTDOWN, NDB (MHW) 362 Rwy 28. Class 1E. LOC unusable byd 25° left side of course. ILS unmonitored.

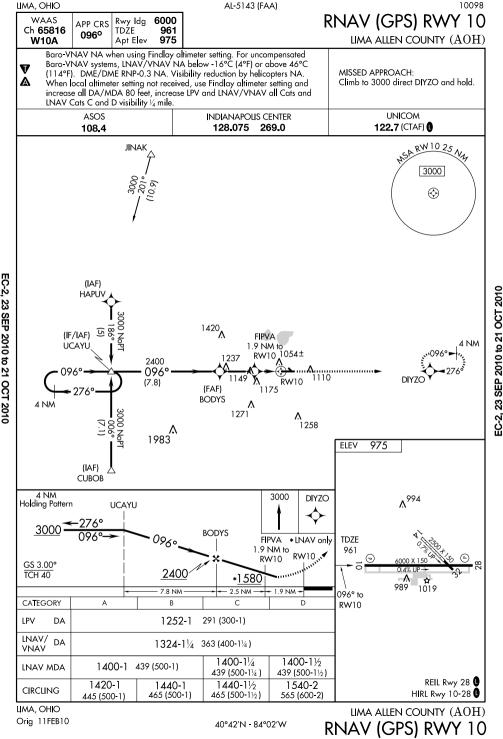
274°

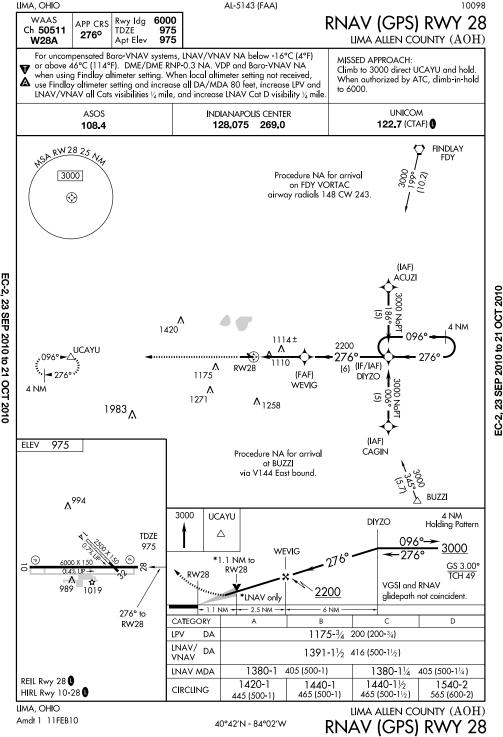
LONDON N39°55.89′ W83°27.84′ NOTAM FILE DAY NDB (MHW) 263 UYF at Madison Co.

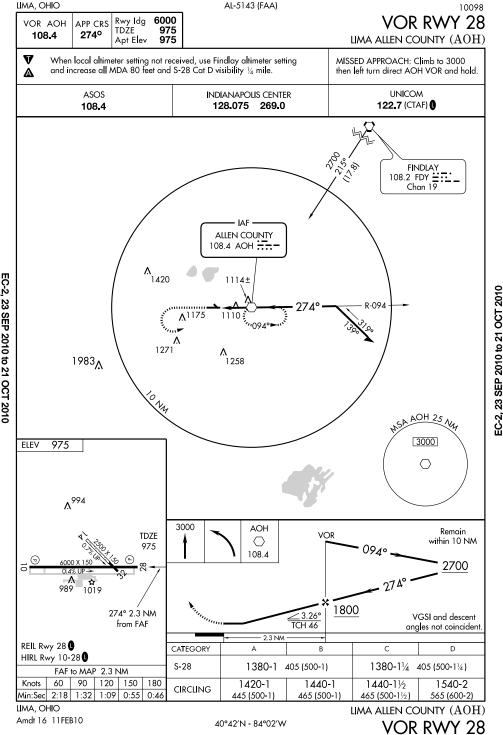
ALLEN CO (T) VOR 108.4 AOH N40°42.43′ W83°58.09′

CINCINNATI L-29A









FUEL 100LL, JET A1+ NOTAM FILE DAY RWY 09-27: H4001X75 (ASPH) S-30, D-40 MIRL 0.8% up W RWY 09: REIL. PAPI(P4L)-TCH 31'.

LONDON

MADISON CO

RWY 27: REIL, PAPI(P4L)-TCH 31', Trees. AIRPORT REMARKS: Attended Mon-Fri 1300-2100Z±. Sat-Sun 1400-2200Z‡. 24 hr self svc fuel after hrs. ACTIVATE MIRL Rwy

(UYF) 3N UTC-5(-4DT) N39°55.96′ W83°27.72′

09-27 and PAPI and REIL Rwys 09 and 27-CTAF. COMMUNICATIONS: CTAF/UNICOM 123.0 (R) DAYTON APP CON 126.5 (091°-180°) 118.85 127.225 (R) DAYTON DEP CON 126.5 (091°-180°) RADIO AIDS TO NAVIGATION: NOTAM FILE FEO

SPRINGFIELD (T) VORW/DME 113.2 SGH Chan 79 N39°50.19' W83°50.70' 076° 18.6 NM to fld. 1047/4W. LONDON NDB (MHW) 263 UYF N39°55.89′ W83°27.84′

NOTAM FILE DAY.

LORAIN CO RGNL (See LORAIN/ELYRIA)

IORAIN (FIYRIA)

LORAIN CO RGNL (LPR)

6 S UTC-5(-4DT) N41°20.66′ W82°10.66′ FUEL 100LL, JET A TPA-1793(1000)

RWY 07-25: H5002X100 (ASPH-GRVD) S-80, D-110, 2S-175, 2D-180

COMMUNICATIONS: CTAF/UNICOM 122.7

RWY 25: REIL. PAPI(P4L)-GA 3.0° TCH 40'. Trees. Rgt tfc. AIRPORT REMARKS: Special Air Traffic Rules-Part 93, see Regulatory Notices. Attended Mon-Fri 1200-0400Z‡, Sat-Sun 1200-0300Z‡. Birds; coyotes and deer on and invof arpt. Pilots

ints and ACTIVATE MALSR Rwv 07-CTAF. WEATHER DATA SOURCES: ASOS 121.425 (440) 323-7088.

opr in Oberlin area reg to avoid and remain well clear of Oberlin College due to music conservatory. All tfc ops N of arpt as per FAR Part 93, Subpart J. HIRL Rwy 07-25 preset low ints, to increase

RWY 07: MALSR, PAPI(P4L)-GA 3.0° TCH 54'.

(R) CLEVELAND APP/DEP CON 126.35 **CLNC DEL** 125.7 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. DRYER (H) VOR/DME 113.6 DJB Chan 83 N41°21.48'

226° 1.1 NM to fld. 780/5W. HIWAS. W82°09.72' ILS 111.7 I–LOG Rwv 07. COMM/NAV/WEATHER REMARKS: For IFR clearance ctc Cleveland apch

MADEIRA N39°13.37′ W84°21.32′ NOTAM FILE LUK.

NDB (MHW) 379 MDE 206° 7.7 NM to Cincinnati Muni Arpt Lunken Fld. Unmonitored when twr clsd.

MADISON CO (See LONDON)

control at 216-898-2040.

MAD RIVER INC (See TREMONT CITY)

NDB (MHW/LOM) 372 MF 321° 4.6 NM to Mansfield Lahm Rgnl.

MANNS N40°45.98′ W82°26.71′ NOTAM FILE MFD.

CINCINNATI L-27E

DETROIT

IAP

H-10G, L-30G

CINCINNATI L-29A

IAP

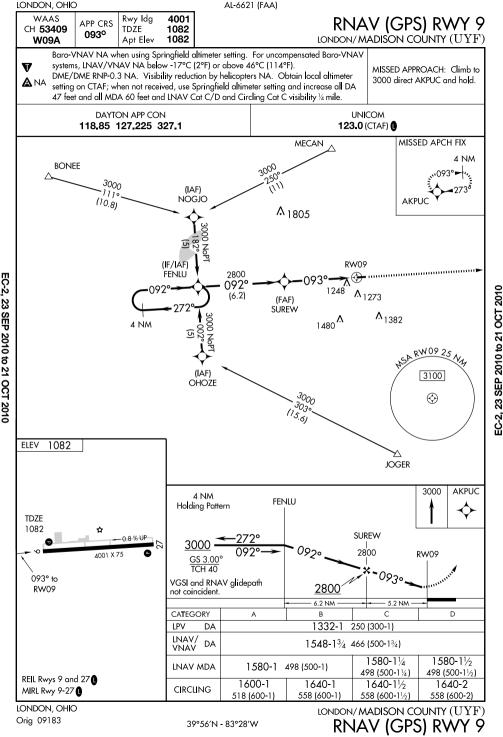
DETROIT

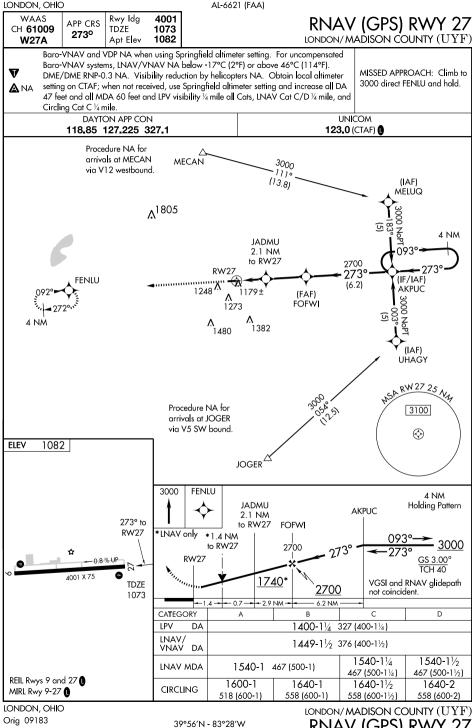
L-29A

NOTAM FILE LPR

Amdt 9 09183

NDB RWY 9





23 SEP 2010 to 21 OCT 2010

(GPS)

FUEL 100LL, JET A1+ NOTAM FILE DAY RWY 09-27: H4001X75 (ASPH) S-30, D-40 MIRL 0.8% up W RWY 09: REIL. PAPI(P4L)-TCH 31'.

LONDON

MADISON CO

RWY 27: REIL, PAPI(P4L)-TCH 31', Trees. AIRPORT REMARKS: Attended Mon-Fri 1300-2100Z±. Sat-Sun 1400-2200Z‡. 24 hr self svc fuel after hrs. ACTIVATE MIRL Rwy

(UYF) 3N UTC-5(-4DT) N39°55.96′ W83°27.72′

09-27 and PAPI and REIL Rwys 09 and 27-CTAF. COMMUNICATIONS: CTAF/UNICOM 123.0 (R) DAYTON APP CON 126.5 (091°-180°) 118.85 127.225 (R) DAYTON DEP CON 126.5 (091°-180°) RADIO AIDS TO NAVIGATION: NOTAM FILE FEO

SPRINGFIELD (T) VORW/DME 113.2 SGH Chan 79 N39°50.19' W83°50.70' 076° 18.6 NM to fld. 1047/4W. LONDON NDB (MHW) 263 UYF N39°55.89′ W83°27.84′

NOTAM FILE DAY.

LORAIN CO RGNL (See LORAIN/ELYRIA)

IORAIN (FIYRIA)

LORAIN CO RGNL (LPR)

6 S UTC-5(-4DT) N41°20.66′ W82°10.66′ FUEL 100LL, JET A TPA-1793(1000)

RWY 07-25: H5002X100 (ASPH-GRVD) S-80, D-110, 2S-175, 2D-180

COMMUNICATIONS: CTAF/UNICOM 122.7

RWY 25: REIL. PAPI(P4L)-GA 3.0° TCH 40'. Trees. Rgt tfc. AIRPORT REMARKS: Special Air Traffic Rules-Part 93, see Regulatory Notices. Attended Mon-Fri 1200-0400Z‡, Sat-Sun 1200-0300Z‡. Birds; coyotes and deer on and invof arpt. Pilots

ints and ACTIVATE MALSR Rwv 07-CTAF. WEATHER DATA SOURCES: ASOS 121.425 (440) 323-7088.

opr in Oberlin area reg to avoid and remain well clear of Oberlin College due to music conservatory. All tfc ops N of arpt as per FAR Part 93, Subpart J. HIRL Rwy 07-25 preset low ints, to increase

RWY 07: MALSR, PAPI(P4L)-GA 3.0° TCH 54'.

(R) CLEVELAND APP/DEP CON 126.35 **CLNC DEL** 125.7 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. DRYER (H) VOR/DME 113.6 DJB Chan 83 N41°21.48'

226° 1.1 NM to fld. 780/5W. HIWAS. W82°09.72' ILS 111.7 I–LOG Rwv 07. COMM/NAV/WEATHER REMARKS: For IFR clearance ctc Cleveland apch

MADEIRA N39°13.37′ W84°21.32′ NOTAM FILE LUK.

NDB (MHW) 379 MDE 206° 7.7 NM to Cincinnati Muni Arpt Lunken Fld. Unmonitored when twr clsd.

MADISON CO (See LONDON)

control at 216-898-2040.

MAD RIVER INC (See TREMONT CITY)

NDB (MHW/LOM) 372 MF 321° 4.6 NM to Mansfield Lahm Rgnl.

MANNS N40°45.98′ W82°26.71′ NOTAM FILE MFD.

CINCINNATI L-27E

DETROIT

IAP

H-10G, L-30G

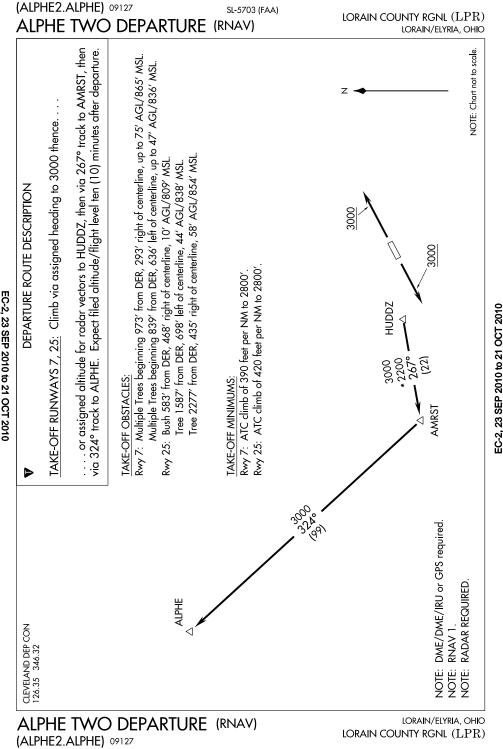
CINCINNATI L-29A

IAP

DETROIT

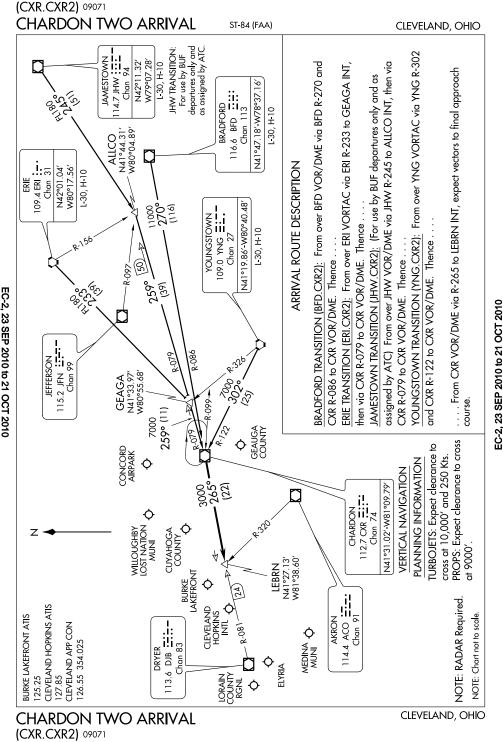
L-29A

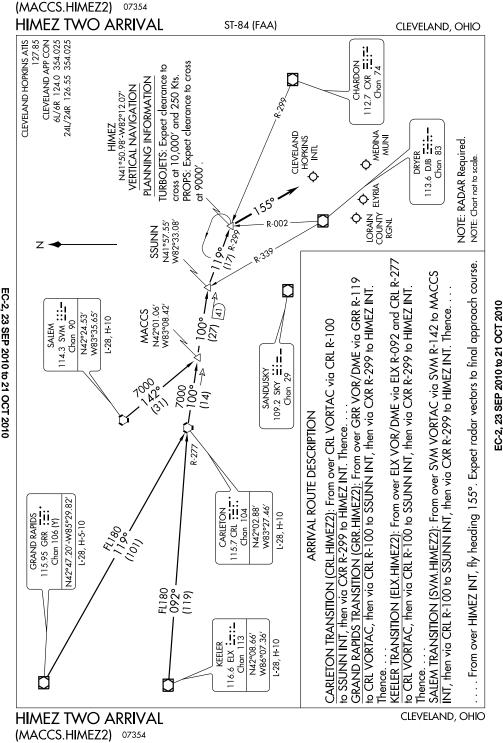
NOTAM FILE LPR

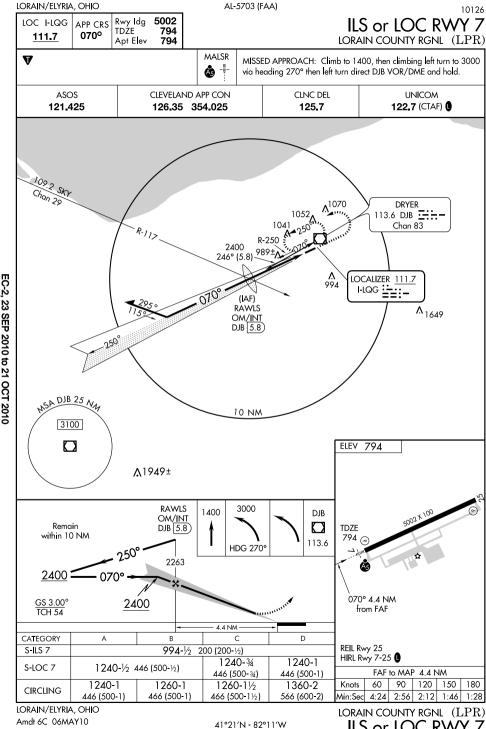


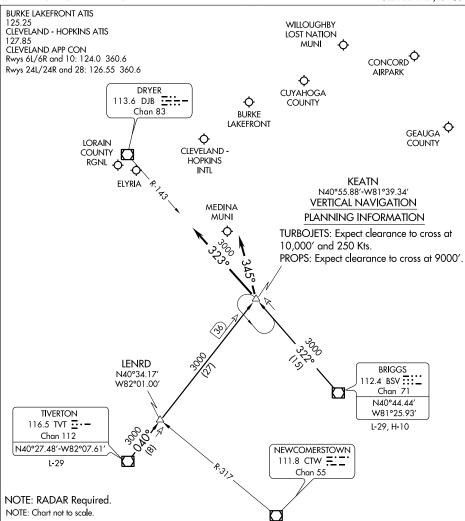
(AMRST2.AMRST) 09183 SL-5703 (FAA) LORAIN COUNTY RGNL (LPR) **AMRST DEPARTURE** LORAIN/ELYRIA, or assigned altitude for vectors to intercept the DJB VOR/DME R-265 to AMRST INT then via (Transition). NOTE: Chart not to scale. Rwy 7: Multiple Trees beginning 973' from DER, 293' right of centerline, up to 75' AGL/865' MSL. Multiple Trees beginning 839' from DER, 636' left of centerline, up to 47' AGL/836' MSL. WATERVILLE TRANSITION (AMRST2.VWV): From over AMRST INT via VWV R-115 to VWV VOR/DME. CARLETON TRANSITION (AMRST2.CRL): From over AMRST INT via CRL R-159 to CRL VORTAC. Tree 2277' from DER, 435' right of centerline, 58' AGL/854' MSL Bush 583' from DER, 468' right of centerline, 10' AGL/809' MSL. Tree 1587' from DER, 698' left of centerline, 44' AGL/838' MSL. TAKE-OFF RUNWAYS 7, 25. Climb via assigned heading to 3000 thence. . . . DEPARTURE ROUTE DESCRIPTION 3000 Expect filed altitude/flight level ten (10) minutes after departure. EC-2, 23 SEP 2010 to 21 OCT 2010 3000 N41°18.68′ W82°30.59′ N41°21.48′ W82°09.72′ 1911 -HUDDZ 265° r --30, H-10 DRYER TAKE-OFF OBSTACLES: Rwy 25: (22) 109.2 SKY ::=-Chan 29 38 SANDUSKY 7000 - 339° (531 * 3000 \$2000 \$550. N41°14.70' W82°59.33′ AMRST (35) NOTE: RADAR REQUIRED Rwys 7, 25: STANDARD. TAKE-OFF MINIMUMS: N42°02.88′-W83°27.46′ CARLETON 115.7 CRL :=:: 113.1 VWV :::≡ CLEVELAND DEP CON 126.35 346.325 Chan 104 WATERVILLE W83°38.32′ L-28, H-10 N41°27.09′ Chan 78 L-28, H-10 LORAIN/ELYRIA, OHIO **DEPARTURE**

LORAIN COUNTY RGNL (LPR)









ARRIVAL ROUTE DESCRIPTION

BRIGGS TRANSITION (BSV.KEATN5): From over BSV VOR/DME via BSV R-322 to KEATN INT.

TIVERTON TRANSITION (TVT.KEATNS): From over TVT VOR/DME via TVT R-040 to KEATN INT.

Thence. . . .

EC-2, 23 SEP 2010 to 21 OCT 2010

LANDING CLE RWY 24L/R and 28: Depart KEATN INT heading 345°. Expect radar vectors to

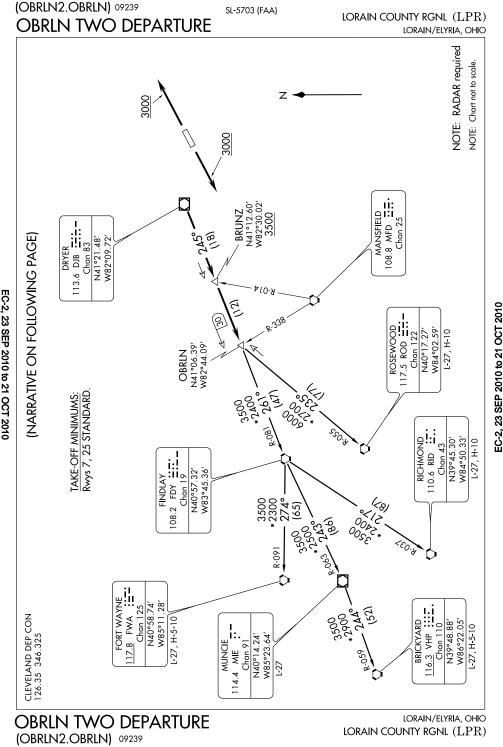
final approach course. LANDING CLE RWY 6L/R and 10:Depart KEATN INT via DJB R-143 to DJB VOR/DME.

Expect radar vectors to final approach course.

LANDING ALL OTHER AIRPORTS: From KEATN INT expect radar vectors to final approach course.

KEATN FIVE ARRIVAL (KEATN.KEATN5) 10266

CLEVELAND, OHIO



OBRLN TWO DEPARTURE

EC-2, 23 SEP 2010 to 21 OCT 2010

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAYS 7, 25: Climb via assigned heading to 3000 thence. . . .

. . . . or assigned altitude for vectors to intercept DJB VOR/DME R-245, cross BRUNZ

INT at or above 3500 then proceed to OBRLN INT then via (transition). Expect filed altitude/flight level ten (10) minutes after departure.

BRICKYARD TRANSITION (OBRLN2.VHP): From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-243 and MIE R-063 to MIE VOR/DME, then via MIE R-244 and VHP R-059 to VHP VORTAC.

FORT WAYNE TRANSITION (OBRLN2.FWA): (For use by Fort Wayne arrivals only and ATC use as assigned.) From over OBRLN INT via FDY R-081 to FDY VORTAC, then via

FDY R-274 and FWA R-091 to FWA VORTAC. MUNCIE TRANSITION (OBRLN2.MIE): (For use by Indianapolis arrivals only and ATC use as assigned). From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-243 and

MIE R-063 to MIE VOR/DME. RICHMOND TRANSITION (OBRLN2.RID): From over OBRLN INT via FDY R-081 to FDY

VORTAC, then via FDY R-217 and RID R-037 to RID VORTAC. ROSEWOOD TRANSITION (OBRLN2.ROD): (For use at or below FL220 only and ATC use as

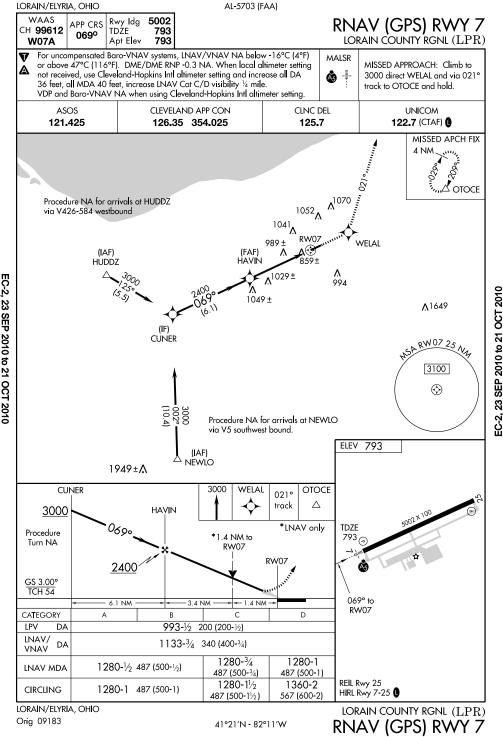
assigned). From over OBRLN INT via ROD R-055 to ROD VORTAC.

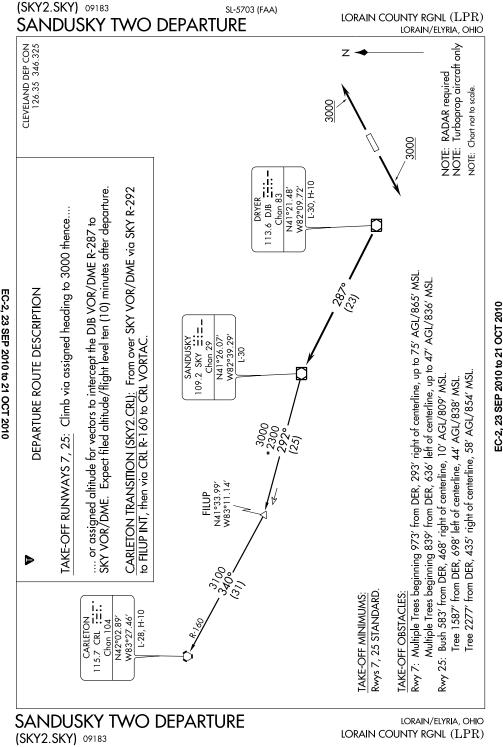
TAKE-OFF OBSTACLES:

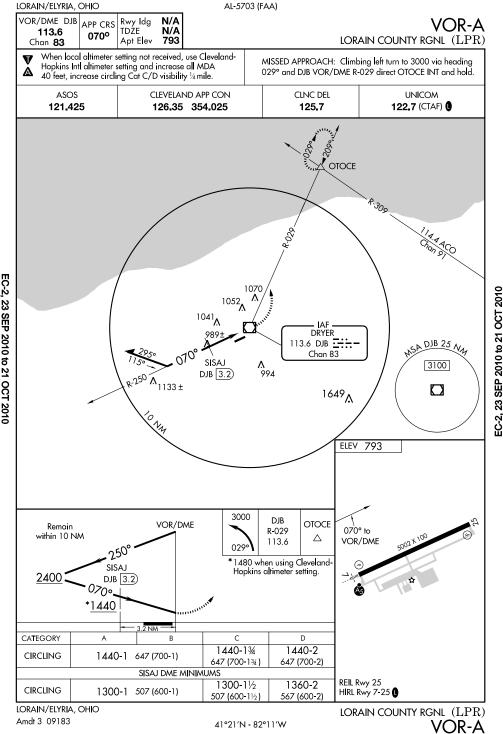
Rwy 7: Multiple Trees beginning 973' from DER, 293' right of centerline, up to 75' AGL/865' MSL. Multiple Trees beginning 839' from DER, 636' left of centerline, up to 47' AGL/836' MSL.

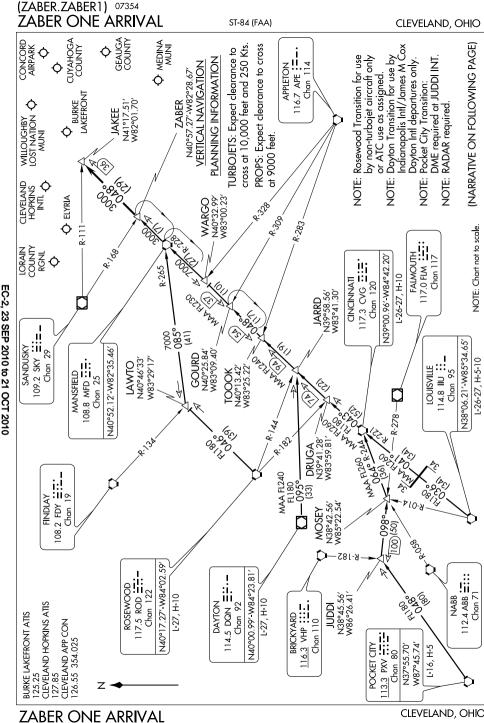
Rwy 25: Bush 583' from DER, 468' right of centerline, 10' AGL/809' MSL. Tree 1587' from DER, 698' left of centerline, 44' AGL/838' MSL.

Tree 2277' from DER, 435' right of centerline, 58' AGL/854' MSL.









ARRIVAL ROUTE DESCRIPTION

CINCINNATI TRANSITION (CVG.ZABER1): From over CVG VORTAC via CVG R-043 to TOOOK INT, then via MFD R-228 to MFD VORTAC, then via MFD R-048 to ZABER INT.

Thence

EC-2, 23 SEP 2010 to 21 OCT 2010

DAYTON TRANSITION (DQN.ZABER1): (For use by INDIANAPOLIS INTL/JAMES M COX DAYTON INTL departures only). From over DQN VOR/DME via DQN R-095 to JARRD INT,

then via CVG R-043 to TOOOK INT, then via MFD R-228 to MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . .

LOUISVILLE TRANSITION (IIU.ZABER1): From over IIU VORTAC via IIU R-036 and CVG

R-221 to CVG VORTAC, then via CVG R-043 to TOOOK INT, then via MFD R-228 to

MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . . POCKET CITY TRANSITION (PXV.ZABER1): (DME REQUIRED at JUDDI INT) From over

PXV VORTAC via PXV R-048 to JUDDI INT, then via FLM R-278 to MOSEY INT, then via

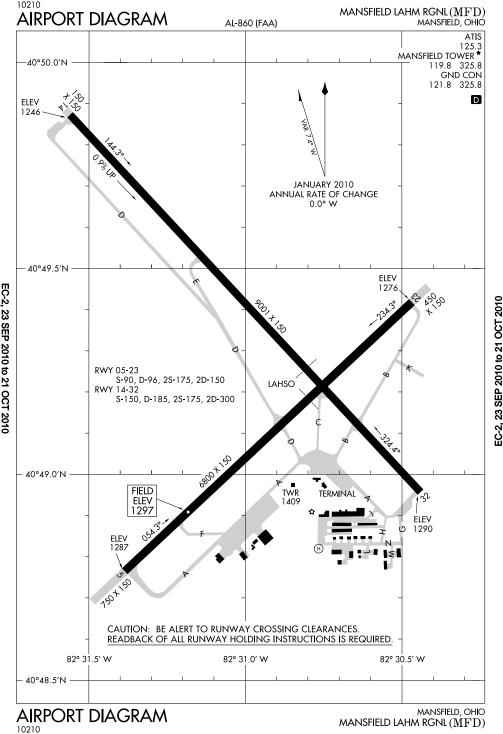
CVG R-244 to CVG VORTAC, then via CVG R-043 to TOOOK INT, then via MFD R-228 to

MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . .

ROSEWOOD TRANSITION (ROD.ZABER1): (For use by non-turbo aircraft only or ATC use

as assigned). From over ROD VORTAC via ROD R-046 to LAWTO INT, then via MFD R-265 to MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . .

. . . . From over ZABER INT via MFD R-048 to JAKEE INT. Expect radar vectors to final approach course.



MANSFIELD LAHM RGNL (MFD) 3 N UTC-5(-4DT) N40°49.29′ W82°31.00′ DETROIT 1297 B S4 FUEL 100LL, JET A Class IV. ARFF Index A NOTAM FILE MFD H-10G, L-29A RWY 14-32: H9001X150 (ASPH-GRVD) S-150, D-185, 2S-175, 2D-300 IAP. AD RWY 14: PAPI(P4L)—GA 3.0° TCH 42', Road. 0.9% up. RWY 32: MALSR. Trees. 03 03 RWY 05-23: H6800X150 (ASPH-GRVD) S-90, D-96, 2S-175. 2D-150 HIRL RWY 05: REIL. PAPI(P4L)-GA 3.0° TCH 50. €3 RWY 23: REIL, PAPI(P4L)—GA 3.0° TCH 45', Trees. 33 ଫଟଟ LAND AND HOLD SHORT OPERATIONS LANDING HOLD SHORT POINT DIST AVBL ¢Ç €3 RWY 05 14 - 324350 €3 €3 **RWY 14** 05 - 236100 ପ୍ର ପ୍ର ପ୍ର

RUNWAY DECLARED DISTANCE INFORMATION RWY 05. RWY 14:

waterfowl on and invof arpt. Increased deer hazard during fall and winter season. Two hrs PPR for air carrier ops with more than 30 passenger seats call 419-522-2191. Acft on either end of Rwy

TORA-6795 TODA-6795 ASDA-6795 LDA-6795 TORA-9001 TODA-9001 ASDA-9001 LDA-9001 RWY 23: TORA-6795 TODA-6795 ASDA-6795 LDA-6795 RWY 32: TORA-9001 TODA-9001 ASDA-9001 LDA-9001 AIRPORT REMARKS: Attended 1200-0400Z±. Deer and birds and

wing span greater than 80' (tip to tip) are restricted on Twys G/H/J/L/M/N and should use the main ramp area. When twr clsd ACTIVATE HIRL Rwy 05-23 and Rwy 14-32; MALSR Rwy 32; REIL Rwys 05 and 23-CTAF. Rwy 32 RVR avbl. Ldg fees on all commercial oprs invoiced on monthly basis; for other arrangements contact arpt manager on 419-522-2191.

WEATHER DATA SOURCES: ASOS (419) 522-1375. LAWRS. COMMUNICATIONS: CTAF 119.8 ATIS 125.3 UNICOM 122.95 RCO 122.1R 108.8T (CLEVELAND RADIO)

(R) APP/DEP CON 124.2 127.35 (1100-0400Z‡) TOWER 119.8 (1100-0400Z‡) **GND CON 121.8** AIRSPACE: CLASS D svc effective 1100-0400Z tother times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE MFD. (L) VORTAC 108.8 MFD Chan 25 N40°52.12′ W82°35.46′ MF N40°45.98' W82°26.71' MANNS NDB (MHW/LOM) 372

ILS 110.5 I-MFD Rwy 32. Class IA. from 0.3 NM to thid.

ASR (1100-0400Z±)

HELIPAD H2: H24X24 (ASPH)

HELIPORT REMARKS: Helipad H2 perimeter lgts.

MANTUA

MILLS (7E3) 3 SW UTC-5(-4DT) N41°14.30′ W81°15.23′ NOTAM FILE CLE

> VOR unusable 340°-067°

> > 085°-135°

079°-130°

RWY 03. Tree RWY 21. P-lines AIRPORT REMARKS: Unattended. **COMMUNICATIONS: CTAF 122.9**

RWY 03-21: 2640X60 (TURF)

MARATHON N41°00.89′ W83°39.86′. NOTAM FILE FDY. (T) VORW 114.9 MAH at Findlay, Unmonitored.

^{G G G G G G} 3 3 3 3 C 05-23 and Rwy 14-32 cannot be seen on the other end due to rwy grade. Acft larger than a "G1" or with a

G, G,

€3

RCO 122.6 (CLEVELAND RADIO) (R)CLEVELAND CENTER APP/DEP CON 134.9 (0400-1100Z‡) 133° 4.4 NM to fld. 1210/3W. 321° 4 6 NM to fld LOM MANNS NDB. Unmonitored when twr clsd. LOC unusable

068°-078° byd 12 NM

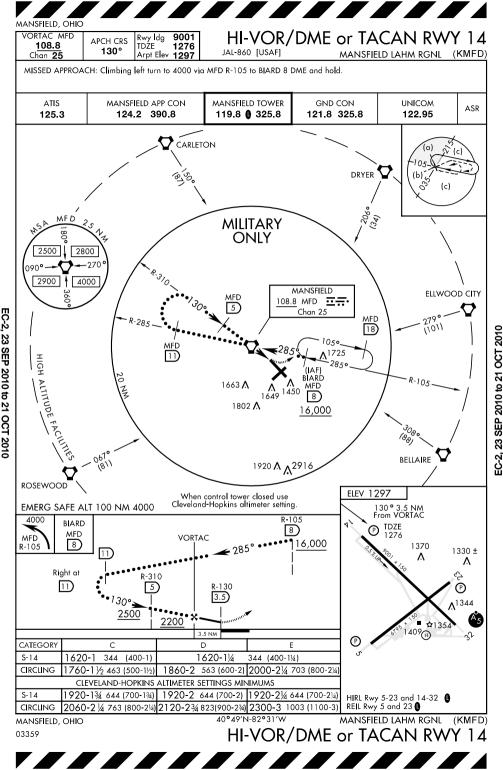
079°-130° bvd 12 NM

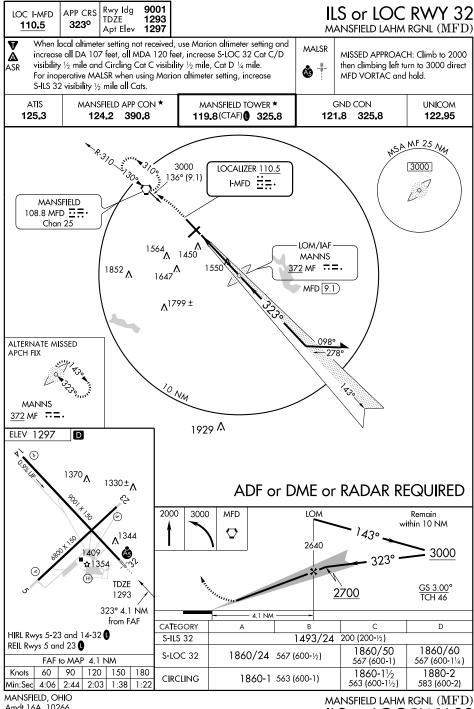
131°-339° hvd 12 NM

DETROIT

DETROIT

L-28J





AL-860 (FAA)

Amdt 16A 10266

MANSFIELD, OHIO

EC 2

23 SEP 2010 to 21 OCT 2010

ILS or LOC RWY 32

LAND AND HOLD SHORT OPERATIONS (LAHSO)

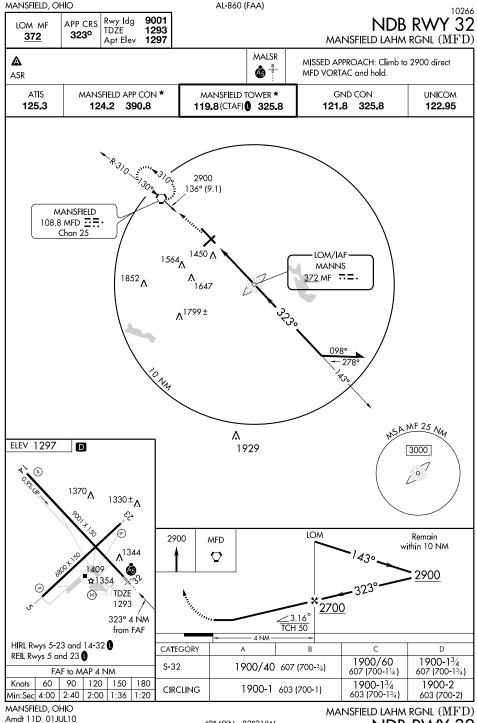
LAHSO is an acronym for "Land and Hold Short Operations." These operations include landing and holding short of an intersection runway, an intersecting taxiway, or other predetermined points on the runway other than a runway or taxiway. Measured distance represents the available landing distance on the landing runway, in feet.

Specific questions regarding these distances should be referred to the air traffic manager of the facility concerned.

The Aeronautical Information Manual contains specific details on hold-short operations and markings.

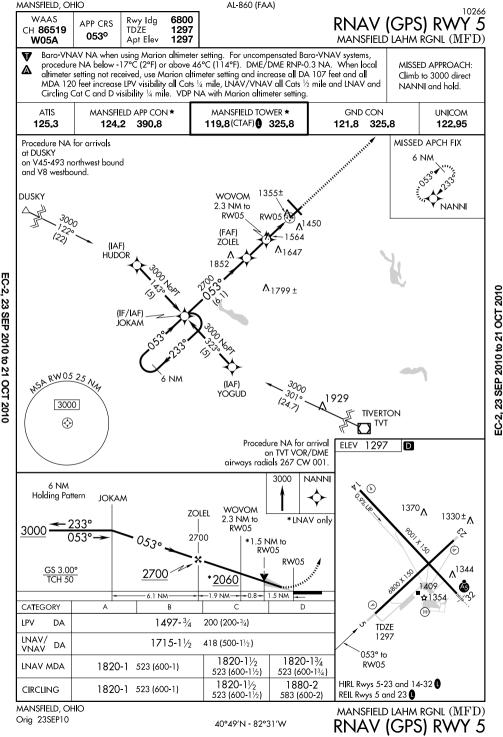
The Aeronautical Information Manual contains	specific details	on hold-short operations an	d markings.
CITY/AIRPORT	LDG RWY	HOLD-SHORT POINT	MEASURED DISTANCE
AKRON, OH			
AKRON-CANTON RGNL (CAK)	05	01-19	4,300 feet
	19	05-23	3,100 feet
BLOOMINGTON, IN			
MONROE COUNTY (BMG)	17	06-24	6,100 feet
COLUMBUS, OH			
OHIO STATE UNIVERSITY (OSU)	05	09L-27R	3,350 feet
	09L	05-23	2,550 feet
	09R	14-32	3,300 feet
	14	09R-27L	2,750 feet
	23	09R-27L	2,500 feet
	27L	05-23	3,300 feet
FORT WAYNE, IN			
FORT WAYNE INTL (FWA)	05	14-32	9,150 feet
	14	05-23	5,650 feet
	27	05-23	2,700 feet
LAFAYETTE, IN			
PURDUE UNIVERSITY (LAF)	10	05-23	4,600 feet
MANSFIELD, OH			
MANSFIELD LAHM RGNL (MFD)	05	14-32	4,350 feet
, ,	14	05-23	6,100 feet
MUNCIE, IN			
DELAWARE COUNTY RGNL (MIE)	14	02-20	4,300 feet
	20	14-32	3,500 feet
TERRE HAUTE, IN			
TERRE HAUTE INTL-HULMAN			
FIELD (HUF)	05	18-36	4,650 feet
	18	05-23	3,300 feet
	23	18-36	3,450 feet
	32	05-23	4,237 feet
	36	14-32	3,200 feet

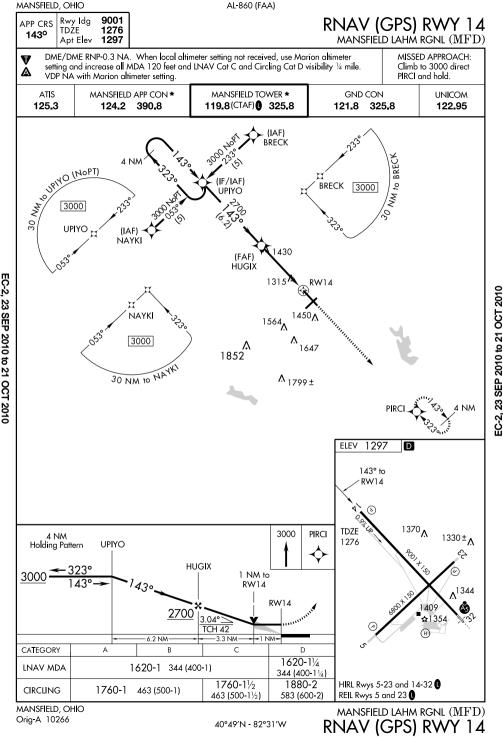
23 SEP 2010 to 21 OCT 2010



EC-2, 23 SEP 2010 to 21 OCT 2010

NDB RWY 32

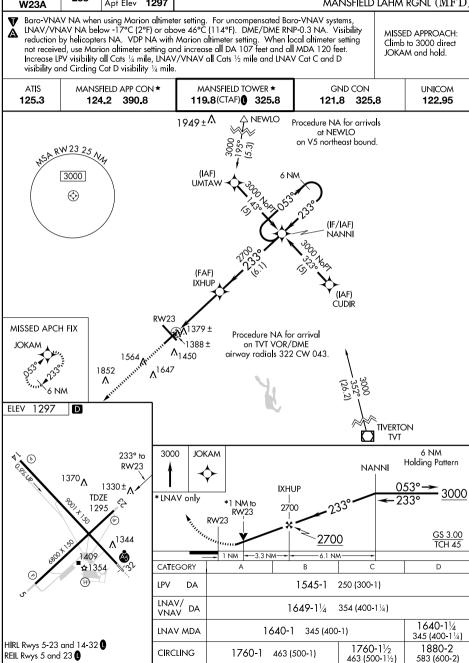




AL-860 (FAA) 10266

MANSFIELD, OHIO WAAS 6800 Rwy Idg APP CRS TDŹE 1295 CH 87119 233° 1297 Apt Elev W23A

RNAV (GPS) RWY 23 MANSFIELD LAHM RGNL (MFD)



MANSFIELD, OHIO Orig 23SEP10

EC-2, 23 SEP 2010 to 21 OCT 2010

MANSFIELD LAHM RGNL (MFD)RNAV (GPS) RW

40°49'N - 82°31'W

v

A

EC-2,

23 SEP 2010 to 21 OCT 2010

AL-860 (FAA)

RNAV (GPS) RWY 32

MANSFIELD LAHM RGNL (MFD)

Baro-VNAV NA when using Marion altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 46°C (114°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Marion altimeter setting and increase all DA 107 feet and all MDA 120 feet, LNAV Cat C and Circling Cat D

MALSR å

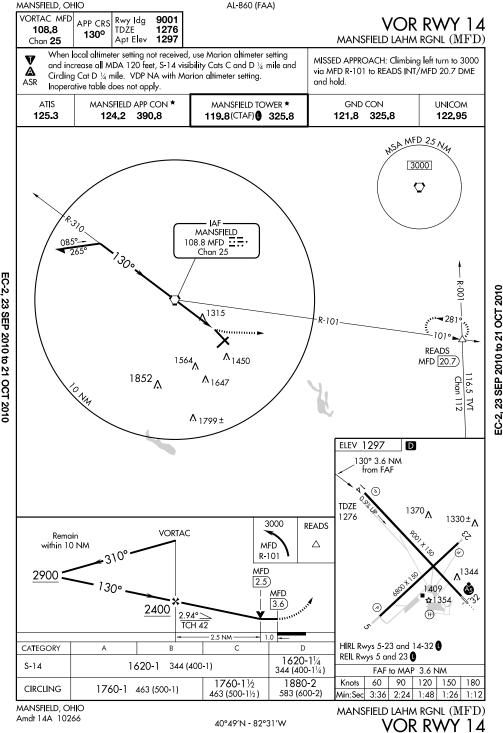
MISSED APPROACH: Climb to 3000 direct UPIYO and hold.

EC-2, 23 SEP 2010 to 21 OCT 2010

visibility ¼ mile, LNAV/VNAV all Cats ½ mile. For inoperative MALSR increase LNAV Cat D visibility 1/4 mile. For inoperative MALSR when using Marion altimeter setting increase LPV all Cats visibility to 1. VDP NA with Marion altimeter setting. MANSFIELD APP CON ★ MANSFIELD TOWER ★ GND CON **ATIS** UNICOM 125.3 119.8(CTAF) 325.8 124.2 390.8 121.8 325.8 122.95 30 MM to IDOBY 3000 HUSCY **IDOBY** 3000 ō **PUYIY ∆**1355± 30 NM # 2 NM to HUSGI 11 RW32 1852<mark>∧</mark> 1647 A (IAF) IĎOBÝ 30 HW 10 88 (FAF) 300 Hop OCOPC PIRCI ∧_{1799±} (IF/IAF) PİRCI 3000 Hopi 4 NM 1297 ELEV D (IAF) HUSGI 3000 UPIYO 4 NM PIRCI Holding Pattern ¹³⁷⁰∧ ОСОРО 1330±∧ **PUYIY** 2 NM to *LNAV only 3000 323° RW32 *1 NM to RW32 RW32 ۸¹³⁴⁴ 2700 GS 3.00° 1960 TCH 46 1409 1 NM 1 NM 2.2 NM 6.2 NM CATEGORY D TDZE LPV 1493/24 200 (200-1/2) DA 1293 LNAV/ 323° to 1789/60 DΑ 496 (500-11/4) VNAV RW32 1660/50 LNAV MDA 1660/24 367 (400- 1/2) 367 (400-1) HIRL Rwys 5-23 and 14-32 **()** 1880-2 1760-11/2 CIRCLING 1760-1 463 (500-1) REIL Rwys 5 and 23 🗓 463 (500-11/2) 583 (600-2)

MANSFIELD, OHIO Orig-A 10266

MANSFIELD LAHM RGNL (MFD)RNAV (GPS) RWY 32



OHIO MARION MUNI UTC-5(-4DT) (MNN) 3 NE N40°36.98' W83°03.81'

246

RWY 07-25: H5000X100 (ASPH-GRVD) S-70, D-95, 2S-121, 2D-150 IAP RWY 07: REIL, PAPI(P4L)—GA 3.0° TCH 24', Road. RWY 25: REIL, PAPI(P4L)-GA 3.0° TCH 31', Trees. RWY 13-31: H3498X100 (ASPH-GRVD) S-56, D-68, 2S-86, 2D-105 MIRL RWY 13: REIL. PAPI(P2L)—GA 3.0° TCH 21'. Trees. RWY 31: REIL. PAPI(P2L)-GA 3.0° TCH 21'. Acft. AIRPORT REMARKS: Attended 1300-2200Z‡. Glider activity on and invof arpt. Gliders and towplanes use rgt tfc pattern for Rwy 07 and Rwy 31. Transient acft follow ramp signs to main ramp. Twy D cannot be used to taxi between rwy and ramp area by acft with wingspan greater than 35'. After 0500Z‡ ACTIVATE MIRL Rwy 07-25 and Rwy 13-31; REIL Rwy 07; Rwy 25; Rwy 13 and Rwy 31-CTAF. WEATHER DATA SOURCES: ASOS 119.975 (740) 383-3400. SAWRS. COMMUNICATIONS: CTAF/UNICOM 122.8 (R) MANSFIELD APP/DEP CON 124.2 (1100-0400Z‡) **CLNC DEL** 126.8 CLEVELAND CENTER APP/DEP CON 135.1 (0400-1100Z±)

Chan 25 N40°52.12′ W82°35.46′

FUEL 80, 100LL, JET A1 + TPA-1793(800) NOTAM FILE MNN

BUCKEYE (T) VORW 109.8 BUD N40°37.00′ W83°03.83′ NDB (MHW) 201 MNN N40°37.03′ W83°04.20′ ILS/DME 110.35 I-AEF Chan 40Y Rwy 25. LOC only. MARYSVILLE UNION CO 1 SE UTC-5(-4DT) N40°13.48′ W83°21.10′ (MRT) **S4**

MFD

RADIO AIDS TO NAVIGATION: NOTAM FILE MFD.

MANSFIELD (L) VORTAC 108.8

Ramp fee for commercial acft. WEATHER DATA SOURCES: AWOS-3 119.275 (937)-644-2967. COMMUNICATIONS: CTAF/UNICOM 122.8 R COLUMBUS APP/DEP CON 120.2

RWY 09: REIL. PAPI(P4L)-GA 4.0° TCH 20'. Tree.

VINTON CO (22I)

5 NE

RWY 09-27: H3725X75 (ASPH)

RWY 09: Trees.

FUEL 100LL RWY 27: PAPI(2PL). Trees.

ACTIVATE MIRL Rwy 09-27-122.9.

HENDERSON (H) VORTAC 115.9 HNN

W82°01.57' 334° 39.5 NM to fld. 880/3W.

COMMUNICATIONS: CTAF/UNICOM 122.8 RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

UTC-5(-4DT) N39°19.69' W82°26.51'

MAYFIELD (See AKRON) McARTHUR

RADIO AIDS TO NAVIGATION: NOTAM FILE DAY. ROSEWOOD (H) VORTAC 117.5 ROD Chan 122 N40°17.27′ W84°02.59′ 102° 32 NM to fld. 1080/5W. COMM/NAV/WEATHER REMARKS: AWOS-3 unusable bvd 6 NM.

NOTAM FILE DAY

MIRL

AIRPORT REMARKS: Attended irregularly. For fuel call 740-357-0268 or

740-596-0002. Occasional deer and geese on and invof arpt.

AIRPORT REMARKS: Attended Nov-Apr 1300-2300Z±. May-Oct 1300-0000Z±. For syc after hrs call 740-815-5455. 24 hr credit card svc avbl fuel. Deer and birds on and invof arpt. ACTIVATE MIRL, REIL, PAPI Rwy 09-27-CTAF.

Chan 106 N38°45.25'

RWY 09-27: H4218X75 (ASPH) S-17 MIRL 0.6% up W. RWY 27: REIL. PAPI(P4L)—GA 4.0°TCH 42'. Thid dsplcd 124'. Railroad.

FUEL 100LL, JET A1+ OX 1, 2, 3, 4 NOTAM FILE DAY

at fld. NOTAM FILE MNN.

238° 26.3 NM to fld. 1210/3W. at fld. Unusable bvd 15 NM. NOTAM FILE MNN. SHUTDOWN.

DETROIT L-29A IAP

DETROIT

H-10G, L-29A

CINCINNATI L-29A ß €3 Œ €3 a

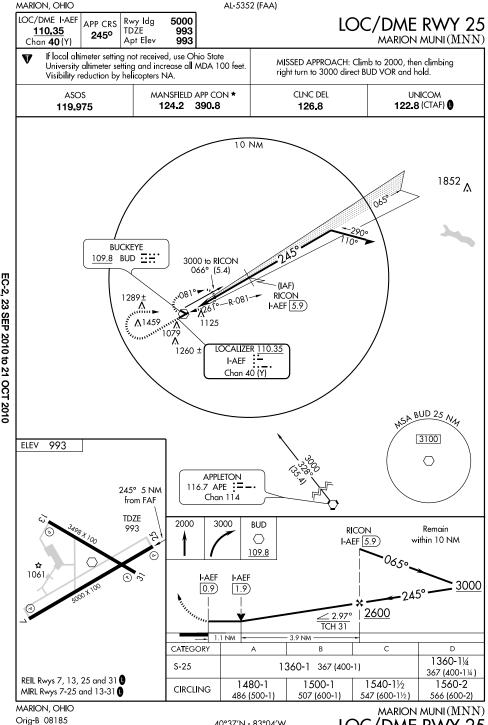
000 €3 €3 €3 Œ €3

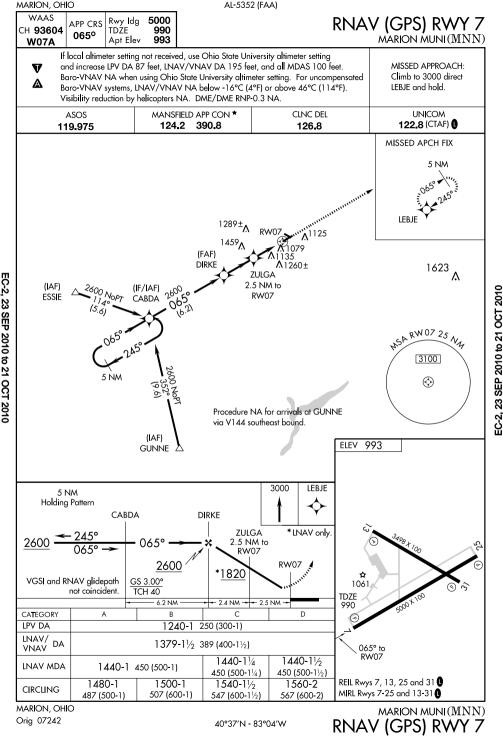
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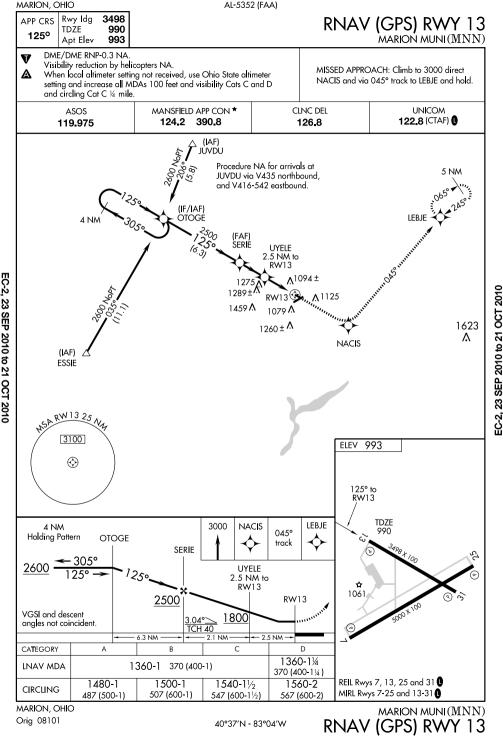
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MARION, OHIO AL-5352 (FAA) WAAS 5000 Rwy Idg RNAV (GPS) RWY 25 APP CRS CH 62904 TDŹE 993 245° MARION MUNI (MNN) 993 Apt Elev W25A If local altimeter setting not received, use Ohio State University altimeter setting and increase all DAs 87 feet and all MDAs 100 feet. Baro-VNAV NA when using V MISSED APPROACH: Climb to 2600 Ohio State University altimeter setting. For uncompensated Baro-VNAV systems, direct CABDA and hold. A LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). Visibility reduction by helicopters NA. DME/DME RNP-0.3 NA. MANSFIELD APP CON * CLNC DEL UNICOM ASOS 122.8 (CTAF) 1 124.2 390.8 126.8 119.975 (IAF) NSA RW 25 25 Ny MANSFIELD MFD Procedure NA for arrivals 300 Hari 3100 at MFD VORTAC via airway radials 183 CW 279. **(** 5 NM (IF/IAF) LEBJE 2100 245° ∧¹⁷⁵² (FAF) EYEHE 16.21 1209 1093± 1289±∧ (IAF) MISSED APCH FIX CATES 1125 1459 A 1079 CABDA **∧** 1260±

EC-2, 23 SEP 2010 to 21 OCT 2010 5 NM ELEV 993 **GIVES** 2600 5 NM CABDA 245° to **LEBJE** Holding Pattern **RW25 EYEHE** TDZE 245° 993 *1.4 NM GS 3.00° to RW25 TCH 40 RW25 ☆ 1061 2700 VGSI and RNAV glidepath not coincident. *LNAV only 3.8 NM 6.2 NM CATEGORY D LPV DA 1334-11/4 341 (400-11/4) LNAV/ 1443-11/2 450 (500-11/2) DA VNAV 1460-11/4 1460-11/3 LNAV MDA 1460-1 467 (500-1) 467 (500-11/4) 467 (500-11/2)

MARION, OHIO Orig 07242

REIL Rwys 7, 13, 25 and 31

MIRL Rwys 7-25 and 13-31

MARION MUNI (MNN)
RNAV (GPS) RWY 25

1560-2

567 (600-2)

1540-11/2

547 (600-11/2)

EC-2, 23 SEP 2010 to 21 OCT 2010

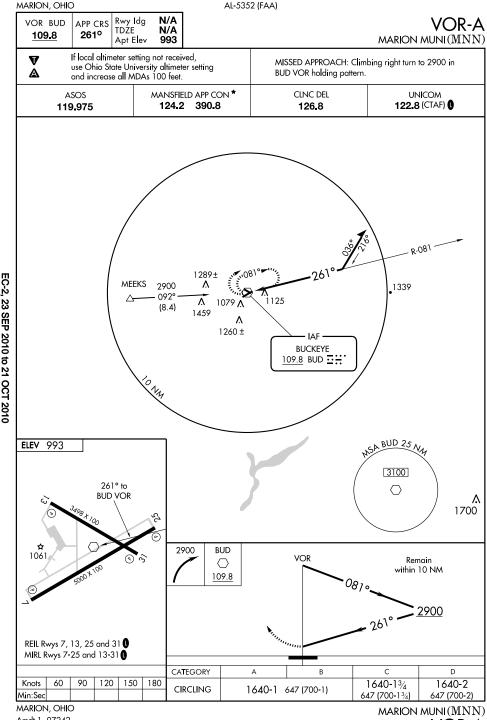
1480-1

487 (500-1)

CIRCLING

1500 - 1

507 (600-1)



Amdt 1 07242

OHIO MARION MUNI UTC-5(-4DT) (MNN) 3 NE N40°36.98' W83°03.81'

246

RWY 07-25: H5000X100 (ASPH-GRVD) S-70, D-95, 2S-121, 2D-150 IAP RWY 07: REIL, PAPI(P4L)—GA 3.0° TCH 24', Road. RWY 25: REIL, PAPI(P4L)-GA 3.0° TCH 31', Trees. RWY 13-31: H3498X100 (ASPH-GRVD) S-56, D-68, 2S-86, 2D-105 MIRL RWY 13: REIL. PAPI(P2L)—GA 3.0° TCH 21'. Trees. RWY 31: REIL. PAPI(P2L)-GA 3.0° TCH 21'. Acft. AIRPORT REMARKS: Attended 1300-2200Z‡. Glider activity on and invof arpt. Gliders and towplanes use rgt tfc pattern for Rwy 07 and Rwy 31. Transient acft follow ramp signs to main ramp. Twy D cannot be used to taxi between rwy and ramp area by acft with wingspan greater than 35'. After 0500Z‡ ACTIVATE MIRL Rwy 07-25 and Rwy 13-31; REIL Rwy 07; Rwy 25; Rwy 13 and Rwy 31-CTAF. WEATHER DATA SOURCES: ASOS 119.975 (740) 383-3400. SAWRS. COMMUNICATIONS: CTAF/UNICOM 122.8 (R) MANSFIELD APP/DEP CON 124.2 (1100-0400Z‡) **CLNC DEL** 126.8 CLEVELAND CENTER APP/DEP CON 135.1 (0400-1100Z±)

Chan 25 N40°52.12′ W82°35.46′

FUEL 80, 100LL, JET A1 + TPA-1793(800) NOTAM FILE MNN

BUCKEYE (T) VORW 109.8 BUD N40°37.00′ W83°03.83′ NDB (MHW) 201 MNN N40°37.03′ W83°04.20′ ILS/DME 110.35 I-AEF Chan 40Y Rwy 25. LOC only. MARYSVILLE UNION CO 1 SE UTC-5(-4DT) N40°13.48′ W83°21.10′ (MRT) **S4**

MFD

RADIO AIDS TO NAVIGATION: NOTAM FILE MFD.

MANSFIELD (L) VORTAC 108.8

Ramp fee for commercial acft. WEATHER DATA SOURCES: AWOS-3 119.275 (937)-644-2967. COMMUNICATIONS: CTAF/UNICOM 122.8 R COLUMBUS APP/DEP CON 120.2

RWY 09: REIL. PAPI(P4L)-GA 4.0° TCH 20'. Tree.

VINTON CO (22I)

5 NE

RWY 09-27: H3725X75 (ASPH)

RWY 09: Trees.

FUEL 100LL RWY 27: PAPI(2PL). Trees.

ACTIVATE MIRL Rwy 09-27-122.9.

HENDERSON (H) VORTAC 115.9 HNN

W82°01.57' 334° 39.5 NM to fld. 880/3W.

COMMUNICATIONS: CTAF/UNICOM 122.8 RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

UTC-5(-4DT) N39°19.69' W82°26.51'

MAYFIELD (See AKRON) McARTHUR

RADIO AIDS TO NAVIGATION: NOTAM FILE DAY. ROSEWOOD (H) VORTAC 117.5 ROD Chan 122 N40°17.27′ W84°02.59′ 102° 32 NM to fld. 1080/5W. COMM/NAV/WEATHER REMARKS: AWOS-3 unusable bvd 6 NM.

NOTAM FILE DAY

MIRL

AIRPORT REMARKS: Attended irregularly. For fuel call 740-357-0268 or

740-596-0002. Occasional deer and geese on and invof arpt.

AIRPORT REMARKS: Attended Nov-Apr 1300-2300Z±. May-Oct 1300-0000Z±. For syc after hrs call 740-815-5455. 24 hr credit card svc avbl fuel. Deer and birds on and invof arpt. ACTIVATE MIRL, REIL, PAPI Rwy 09-27-CTAF.

Chan 106 N38°45.25'

RWY 09-27: H4218X75 (ASPH) S-17 MIRL 0.6% up W. RWY 27: REIL. PAPI(P4L)—GA 4.0°TCH 42'. Thid dsplcd 124'. Railroad.

FUEL 100LL, JET A1+ OX 1, 2, 3, 4 NOTAM FILE DAY

at fld. NOTAM FILE MNN.

238° 26.3 NM to fld. 1210/3W. at fld. Unusable bvd 15 NM. NOTAM FILE MNN. SHUTDOWN.

DETROIT L-29A IAP

DETROIT

H-10G, L-29A

CINCINNATI L-29A ß €3 Œ €3 a

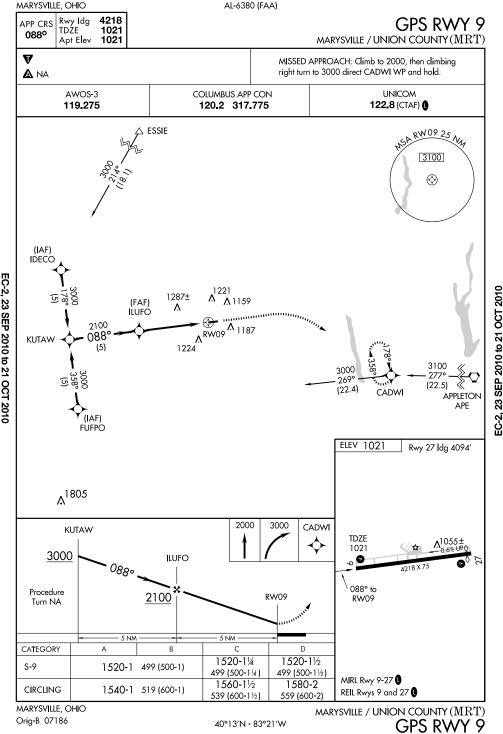
000 €3 €3 €3 Œ €3

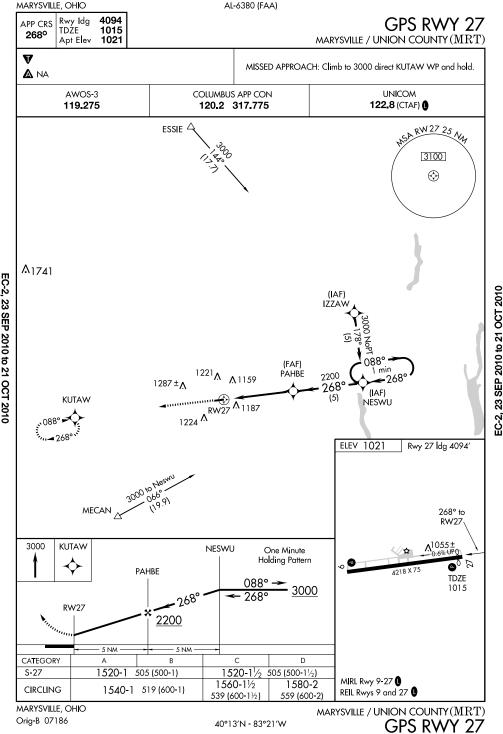
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OHIO 247 McCONNELSVILLE MORGAN CO (171)3 E UTC-5(-4DT) N39°39.26' W81°48.19' CINCINNATI 1000 FIIFI 100LL TPA-1800(800) NOTAM FILE CLE L-29B RWY 12-30: H3500X65 (ASPH) S-12 MIRL 43 (3 **(3 (3** RWY 30: REIL. Tree. RWY 12: Thid dspicd 350', Road. 1 (3 €3 €3 03 AIRPORT REMARKS: Unattended. For fuel use phone in Administration G G 03 03 C3 p Building and refer to list above phone. Rwy 12-30 sfc has loose 3 63 aggregate, large cracks with grass growing through them. Rotating bcn OTS indef. ACTIVATE MIRL Rwy 12-30 and REIL Rwy 43 ⟨3 30-CTAF. €3 €3 COMMUNICATIONS: CTAF/UNICOM 122.8 Œ €3 RADIO AIDS TO NAVIGATION: NOTAM FILE ZZV. ZANESVILLE (L) VOR/DME 111.4 ZZV Chan 51 N39°56.45' W81°53.56' 172° 17.7 NM to fld. 900/6W. C C <3 Ç €3 €3 €3 0 (3 €3 €3 €3 €3 €3 C3 C3 €3 €3 <3 63 C3 €3 €3 43 DETROIT

AIRPORT REMARKS: Attended 1300Z±-dusk, Deer on and invof arot, PAEW twvs, Rwv 09-27 has severe cracking with much foreign object damage potential. Rwy 09 PAPI OTS indef. MIRL Rwy 09-27, MIRL Rwy 01-19, PAPI Rwys

MEDINA MUNI (1G5)4 E UTC-5(-4DT) N41°07.89' W81°45.90' 1190 B S4 FUEL 100LL NOTAM FILE CLE RWY 09-27: H3556X75 (ASPH) S-30 MIRL 0.4% up E RWY 09: PAPI (P4L). Trees. RWY 27: REIL. PAPI (P4L)-GA 3.5° TCH 30'. RWY 01-19: H2867X60 (ASPH) S-25 MIRL 0.7% up N

09, 27, 01 and 19 opr dusk-0300Z‡; after 0300Z‡ ACTIVATE-CTAF.

RWY 19: PAPI (P4L). Thid dsplcd 737'. Trees.

1-30G

HIWAS.

DETROIT

DETROIT

IAP

DRYER (H) VOR/DME 113.6 DJB Chan 83 N41°21.48′ W82°09.72′ 132° 22.5 NM to fld. 780/5W. METCALF FLD (See TOLEDO) MIAMI UNIVERSITY (See OXFORD)

RWY 01: PAPI (P4L). P-line.

COMMUNICATIONS: CTAF/UNICOM 123.0 (R) CLEVELAND APP/DEP CON 125.35 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

MIDDLE BASS-EAST POINT (See MIDDLE BASS ISLAND)

MIDDLE BASS ISLAND

MIDDLE BASS-EAST POINT

NOTAM FILE CLE 582

(3W9) 1 NE UTC-5(-4DT) N41°41.67′ W82°47.79′

RWY 09-27: 2085X67 (TURF) RWY 09: Berm. RWY 27: Trees. Rgt tfc.

departure when winds exceed 10 Kt speed.

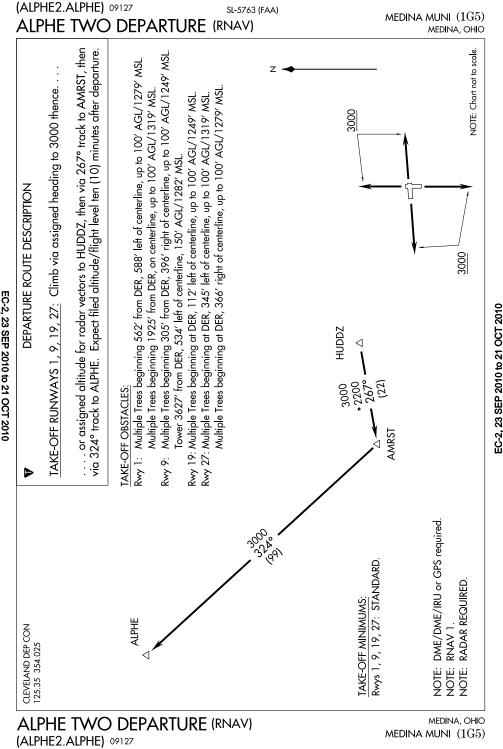
COMMUNICATIONS: CTAF 122.9

AIRPORT REMARKS: Attended May-Oct irregularly, unattended Nov-Apr. Rwy soft and wet in spring. Numerous trees and buildings in close proximity of rwy. Be alert: Expect significant windshear and turbulence on apch and MIDDLE BASS ISLAND (3T7)

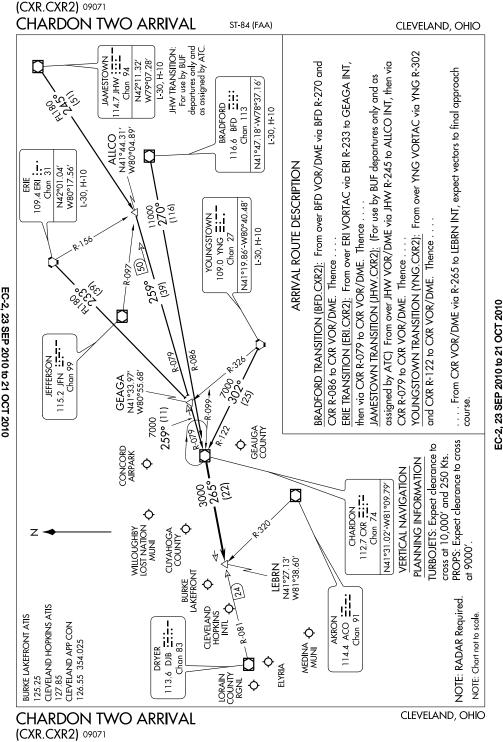
1 NE UTC-5(-4DT) N41°41.11' W82°48.29'

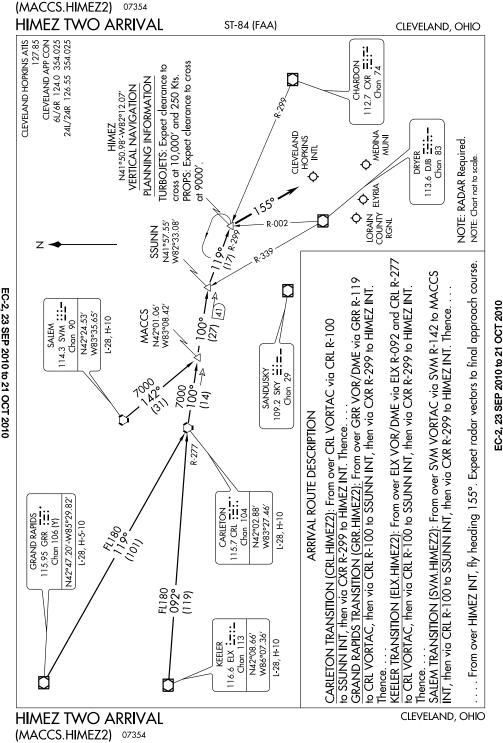
580 TPA-1580 (1000) RWY 10-28: H1852X75 (ASPH) RWY 10: PAPI(P4L). Thid dsplcd 52'. Building. Rgt tfc. RWY 28: PAPI(P4L). Ground. AIRPORT REMARKS: Unattended. All tfc patterns remain S of arpt.

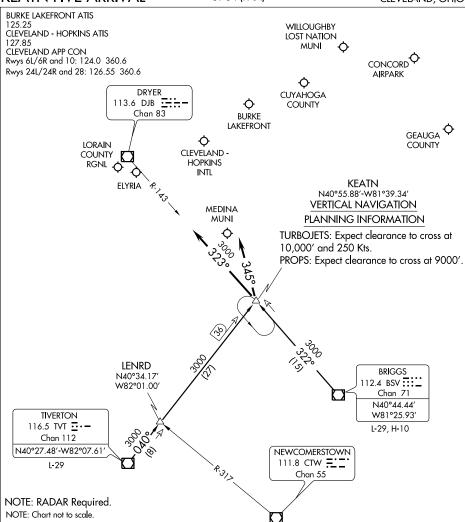
COMMUNICATIONS: CTAF/UNICOM 122.8



DEPARTURE







BRIGGS TRANSITION (BSV.KEATN5): From over BSV VOR/DME via BSV R-322 to KEATN INT.

TIVERTON TRANSITION (TVT.KEATNS): From over TVT VOR/DME via TVT R-040 to KEATN INT.

Thence. . . .

EC-2, 23 SEP 2010 to 21 OCT 2010

LANDING CLE RWY 24L/R and 28: Depart KEATN INT heading 345°. Expect radar vectors to

final approach course.

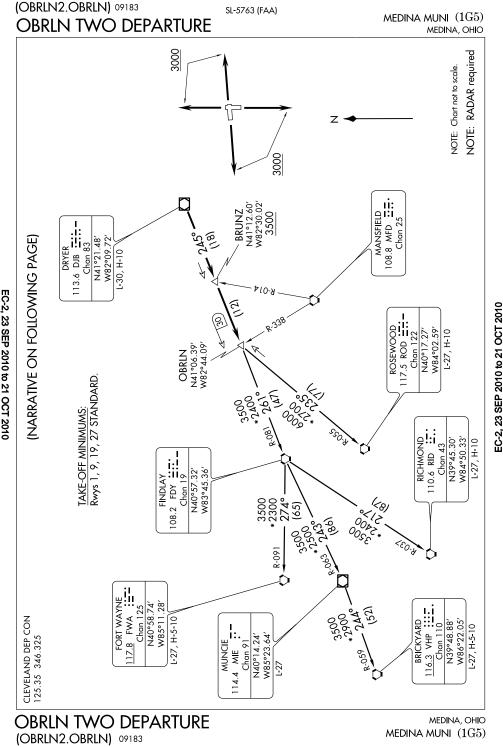
LANDING CLE RWY 6L/R and 10: . . . Depart KEATN INT via DJB R-143 to DJB VOR/DME.

Expect radar vectors to final approach course.

LANDING ALL OTHER AIRPORTS: From KEATN INT expect radar vectors to final approach course.

KEATN FIVE ARRIVAL (KEATN.KEATN5) 10266

CLEVELAND, OHIO



V

OBRLN TWO DEPARTURE

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAYS 1, 9, 19, 27: Climb via assigned heading to 3000 thence. . . .

. . . . or assigned altitude for vectors to intercept DJB VOR/DME R-245, cross BRUNZ INT at or above 3500 then proceed to OBRLN INT then via (transition). Expect filed altitude/flight level ten (10) minutes after departure.

BRICKYARD TRANSITION (OBRLN2.VHP): From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-243 and MIE R-063 to MIE VOR/DME, then via MIE R-244

and VHP R-059 to VHP VORTAC.

FORT WAYNE TRANSITION (OBRLN2.FWA): (For use by Fort Wayne arrivals only and ATC use as assigned.) From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-274 and FWA R-091 to FWA VORTAC.

MUNCIE TRANSITION (OBRLN2.MIE): (For use by Indianapolis arrivals only and ATC use as assigned). From over OBRIN INT via FDY R-081 to FDY VORTAC, then via FDY R-243 and

assigned). From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-243 and MIE R-063 to MIE VOR/DME.

<u>RICHMOND TRANSITION (OBRLN2.RID):</u> From over OBRLN INT via FDY R-081 to FDY

VORTAC, then via FDY R-217 and RID R-037 to RID VORTAC.

ROSEWOOD TRANSITION (OBRLN2.ROD): (For use at or below FL220 only and ATC use as assigned). From over OBRLN INT via ROD R-055 to ROD VORTAC.

TAKE-OFF OBSTACLES:

Rwy 1: Multiple Trees beginning 562' from DER, 588' left of centerline, up to 100' AGL/1279' MSL.

Multiple Trees beginning 1925' from DER, on centerline, up to 100' AGL/1319' MSL.

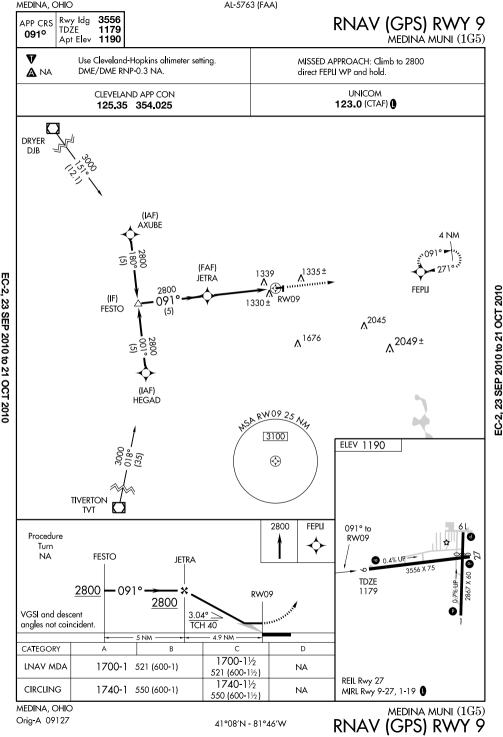
Rwy 9: Multiple Trees beginning 305' from DER, 396' right of centerline, up to 100' AGL/1249' MSL.

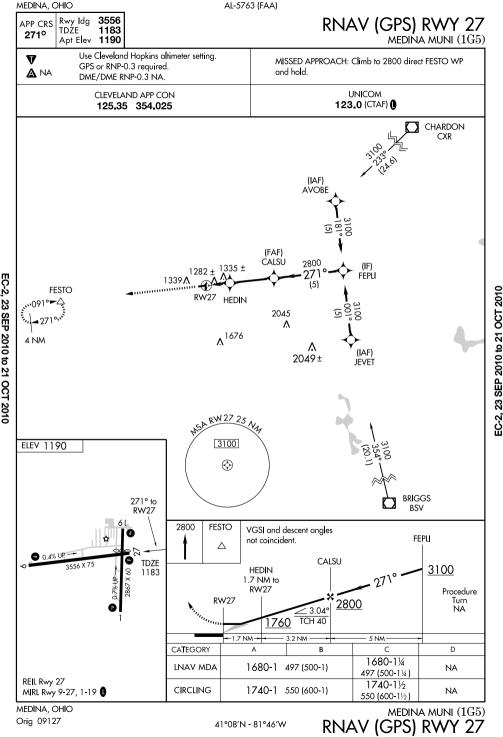
Tower 3627' from DER, 534' left of centerline, 150' AGL/1282' MSL.

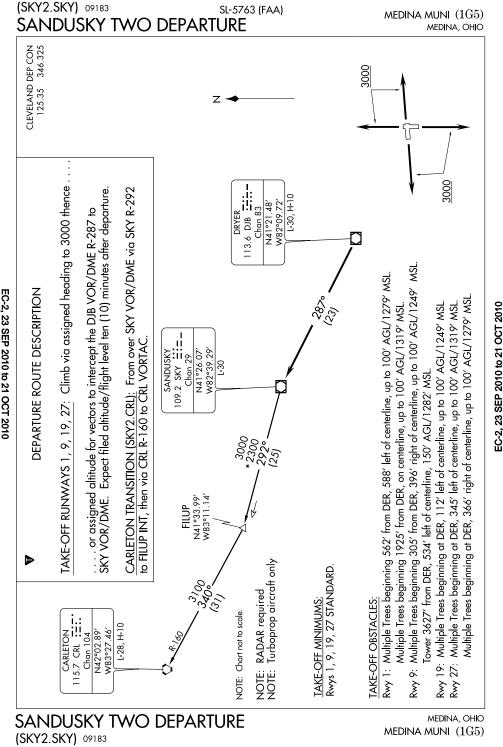
Rwy 19: Multiple Trees beginning at DER, 112' left of centerline, up to 100' AGL/1249' MSL.

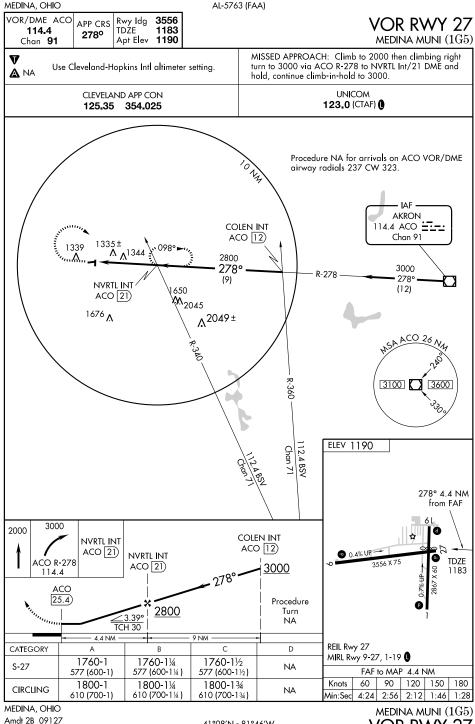
Rwy 27: Multiple Trees beginning at DER, 345' left of centerline, up to 100' AGL/1319' MSL.

Multiple Trees beginning at DER, 366' right of centerline, up to 100' AGL/1279' MSL.

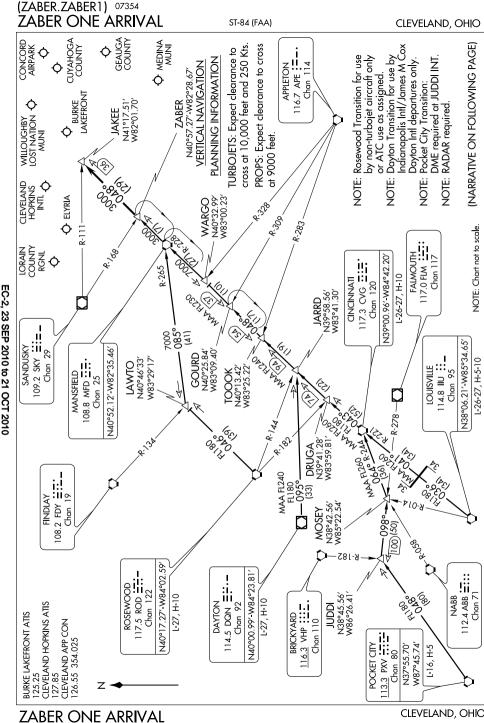








41°08'N - 81°46'W VOR RW



CINCINNATI TRANSITION (CVG.ZABER1): From over CVG VORTAC via CVG R-043 to TOOOK INT, then via MFD R-228 to MFD VORTAC, then via MFD R-048 to ZABER INT.

Thence

EC-2, 23 SEP 2010 to 21 OCT 2010

DAYTON TRANSITION (DQN.ZABER1): (For use by INDIANAPOLIS INTL/JAMES M COX DAYTON INTL departures only). From over DQN VOR/DME via DQN R-095 to JARRD INT, then via CVG R-043 to TOOOK INT, then via MFD R-228 to MFD VORTAC, then via

MFD R-048 to ZABER INT. Thence. . . .

LOUISVILLE TRANSITION (IIU.ZABER1): From over IIU VORTAC via IIU R-036 and CVG R-221 to CVG VORTAC, then via CVG R-043 to TOOOK INT, then via MFD R-228 to

MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . . POCKET CITY TRANSITION (PXV.ZABER1): (DME REQUIRED at JUDDI INT) From over

PXV VORTAC via PXV R-048 to JUDDI INT, then via FLM R-278 to MOSEY INT, then via

CVG R-244 to CVG VORTAC, then via CVG R-043 to TOOOK INT, then via MFD R-228 to MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . .

ROSEWOOD TRANSITION (ROD.ZABER1): (For use by non-turbo aircraft only or ATC use

as assigned). From over ROD VORTAC via ROD R-046 to LAWTO INT, then via MFD R-265

to MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . .

. . . . From over ZABER INT via MFD R-048 to JAKEE INT. Expect radar vectors to final approach course.

OHIO **MIDDLEFIELD**

GEAUGA CO (7G8) 1 SE UTC-5(-4DT) N41°26.98' W81°03.78' DETROIT FUEL 100LL TPA-2199(1025) NOTAM FILE CLE 1-30G 1174 B RWY 11-29: H3500X65 (ASPH) S-18.5 HIRL 0.5% up W. RWY 11: REIL, TRCV (TRIR), Thid dsplcd 180', Tank, RWY 29: REIL. TRCV (TRIL). Trees.

AIRPORT REMARKS: Unattended. Use care when taxiing on ramp, loose gravel and rough areas. ACTIVATE HIRL Rwy 11-29 and REIL Rwy 11 and Rwy 29—CTAF, Rwy 11 and Rwy 29 TRCV OTS indef. Ultralight ops conduct a close-in 500' AGL rgt hand pattern during dalgt hrs. Parallel twy clsd permanently. E of T-hangars. COMMUNICATIONS: CTAF/UNICOM 123.0 CHARDON RCO 122.1R 112.7T (CLEVELAND RADIO) (R) CLEVELAND APP/DEP CON 125.35

RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. CHARDON (H) VOR/DME 112.7 CXR Chan 74 N41°31.02′ W81°09.79′ 137° 6.1 NM to fld. 1310/5W.

COMM/NAV/WEATHER REMARKS: For IFR clearance ctc Cleveland apch control at 216-898-2040.

(MWO) 2 N UTC-5(-4DT) N39°31.91′ W84°23.79′

MIDDLETOWN RGNL/HOOK FLD

650 B S4

248

FUEL 100LL, JET A OX 1, 2 NOTAM FILE DAY

RWY 05-23: H6100X100 (ASPH) S-66, D-78, 2S-99, 2D-140 MIRL RWY 05: REIL. PAPI(P4L). Trees.

RWY 23: REIL. PAPI(P4L). Thid dspicd 299'. Tree. Rgt tfc.

RWY 08-26: 3040X297 (TURF) RWY 08: Thid dspicd 951'. Trees.

AIRPORT REMARKS: Attended 1300-2300Z‡. CAUTION: Ultralights enter/exit pattern at Rwy 08 to N lower than regular

Rwy 05-23-CTAF.

WEATHER DATA SOURCES: AWOS-3 120.025 (513) 422-3505. COMMUNICATIONS: CTAF/UNICOM 123.0 R DAYTON APP CON 126.5 (091°-180°) 118.85 127.225

R DAYTON DEP CON 126.5 (091°-180°) DAYTON CLNC DEL 119.4 (937) 454-7282 RADIO AIDS TO NAVIGATION: NOTAM FILE FEO.

RICHMOND (L) VORTAC 110.6 RID Chan 43 N39°45.30′ W84°50.33′ 126° 24.5 NM to fld. 1135/3W. HOOK FLD NDB (MHW) 239 HKF N39°29.93′ W84°26.85′ 054° 3.1 NM to fld. NOTAM FILE DAY. NDB OTS indef

ONIDA NDB (LOM) 223 MW N39°34.70′ W84°19.41′ 235°4.4 NM to fld. Unmonitored.

IIS 111 1 Rwv 23 LOM ONIDA NDB, LOC only. I-MWO

(T) VORW/DME 112.9 MXO Chan 76 at Airborne Airpark, 1050/4W.

(See BALTIMORE)

MIDWEST N39°25.78′ W83°48.07′

Unmonitored when twr clsd. VOR unusable 051°-224°. 170°-275°.

(See ALLIANCE) MILLER FARM LANDING STRIP

MILLER

tfc pattern. Ultralights do not fly S of Rwy 26. Rwy 08-26 marked with white and black cones. ACTIVATE MIRL

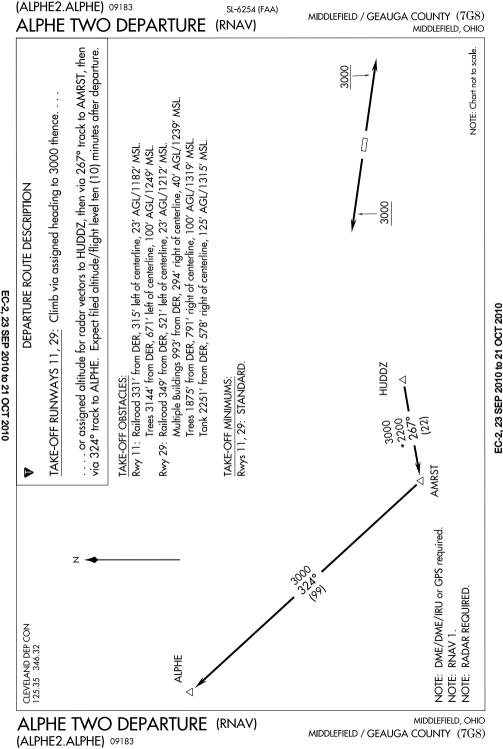
RWY 26: Trees. Rgt tfc.

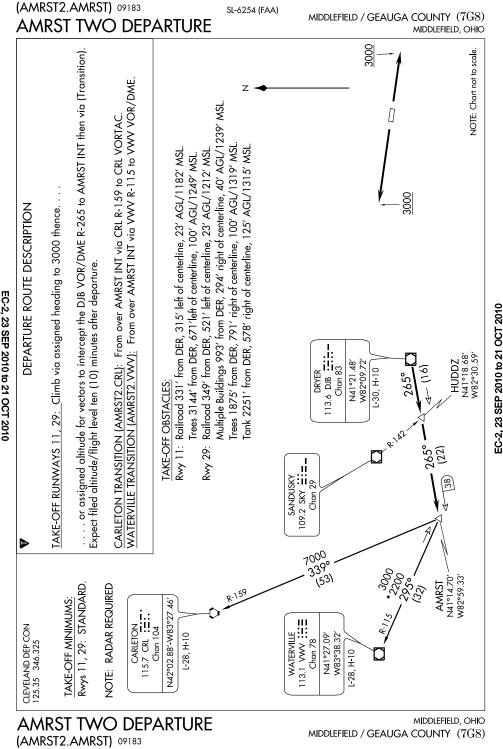
NOTAM FILE ILN.

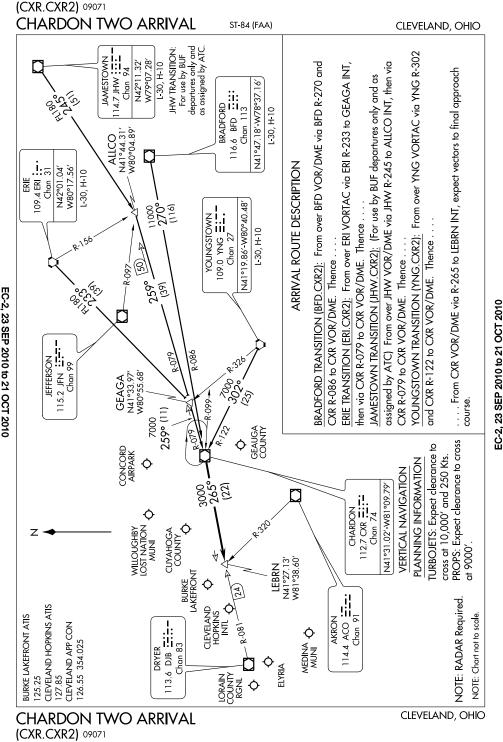
CINCINNATI H-10G, L-27E IAP

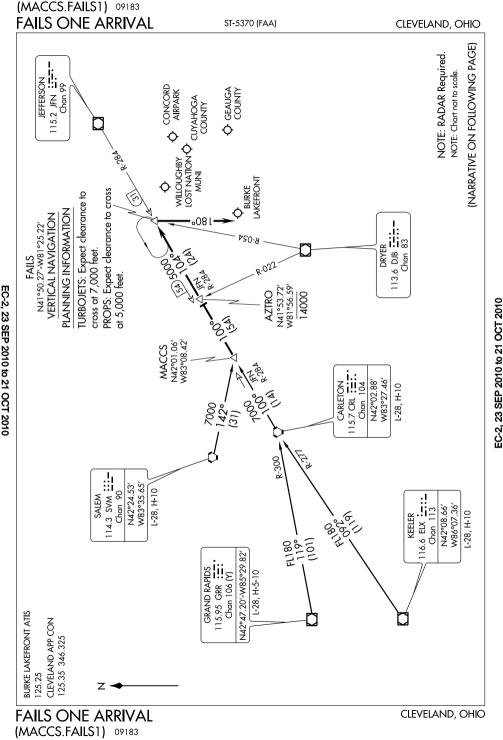
IAP

CINCINNATI H-10G, L-27E









<u>CARLETON TRANSITION (CRL.FAILS1)</u>: From over CRL VORTAC via CRL R-100 and JFN R-284 to MACCS INT. Thence. . . .

JEIN K-204 IO MACCO IINT. Therice. . .

GRAND RAPIDS TRANSITION (GRR.FAILS1): From over GRR VOR/DME via GRR R-119 and CRL R-300 to CRL VORTAC, then via CRL R-100 and JFN R-284 to MACCS INT. Thence. . . .

KEELED T

KEELER TRANSITION (ELX.FAILS1): From over ELX VOR/DME via ELX R-092 and CRL R-277 to CRL VORTAC, then via CRL R-100 and JFN R-284 to MACCS INT.

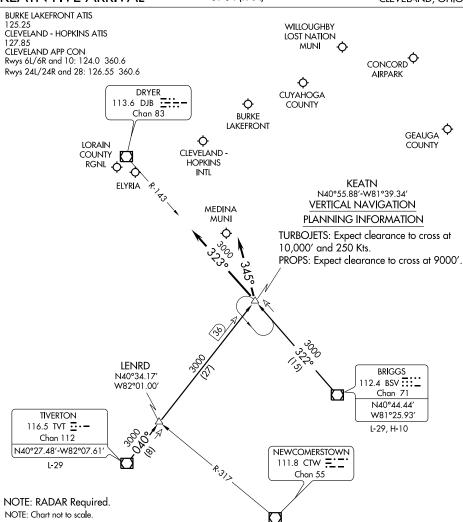
Thence. . . .

SALEM TRANSITION (SVM.FAILS1): From over SVM VORTAC via heading 142° to MACCS INT. Thence. . . .

. . . . From over MACCS INT, via CRL VORTAC R-100 to AZTRO INT, then via

JFN VOR/DME R-284 to FAILS INT. From FAILS fly heading 180°.

Expect radar vectors to final approach course.



BRIGGS TRANSITION (BSV.KEATN5): From over BSV VOR/DME via BSV R-322 to KEATN INT.

TIVERTON TRANSITION (TVT.KEATN5): From over TVT VOR/DME via TVT R-040 to KEATN INT.

Thence. . . .

EC-2, 23 SEP 2010 to 21 OCT 2010

LANDING CLE RWY 24L/R and 28: Depart KEATN INT heading 345°. Expect radar vectors to

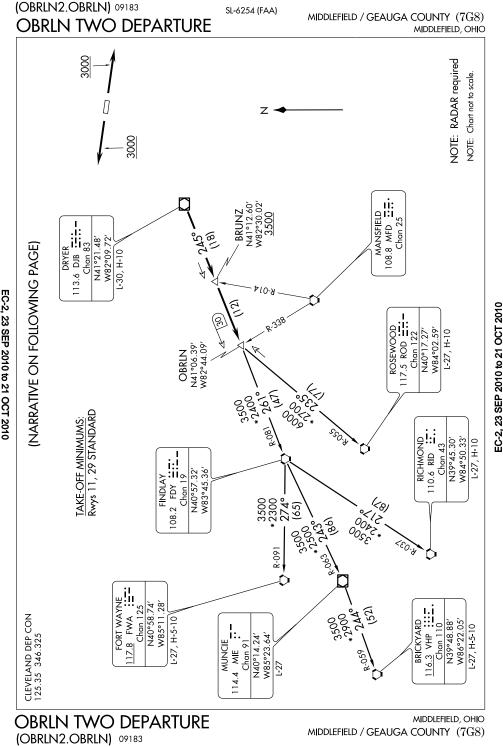
final approach course. LANDING CLE RWY 6L/R and 10:Depart KEATN INT via DJB R-143 to DJB VOR/DME.

Expect radar vectors to final approach course.

LANDING ALL OTHER AIRPORTS: From KEATN INT expect radar vectors to final approach course.

KEATN FIVE ARRIVAL (KEATN.KEATN5) 10266

CLEVELAND, OHIO



V

EC-2, 23 SEP 2010 to 21 OCT 2010

DEPARTURE ROUTE DESCRIPTION

SL-6254 (FAA)

TAKE-OFF RUNWAYS 11, 29: Climb via assigned heading to 3000 thence. . .

. . . or assigned altitude for vectors to intercept DJB VOR/DME R-245, cross BRUNZ INT at or above 3500 then proceed to OBRLN INT then via (transition). Expect filed altitude/flight level ten (10) minutes after departure.

BRICKYARD TRANSITION (OBRLN2.VHP): From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-243 and MIE R-063 to MIE VOR/DME, then via MIE R-244 and VHP R-059 to VHP VORTAC.

FORT WAYNE TRANSITION (OBRLN2.FWA): (For use by Fort Wayne arrivals only and ATC use as assigned.) From over OBRLN INT via FDY R-081 to FDY VORTAC, then via

FDY R-274 and FWA R-091 to FWA VORTAC.

MUNCIE TRANSITION (OBRLN2.MIE): (For use by Indianapolis arrivals only and ATC use as assigned). From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-243 and

MIE R-063 to MIE VOR/DME. RICHMOND TRANSITION (OBRLN2.RID): From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-217 and RID R-037 to RID VORTAC.

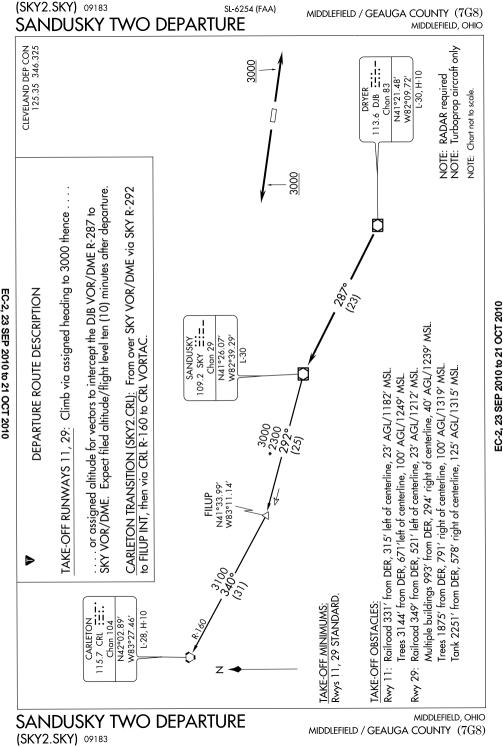
ROSEWOOD TRANSITION (OBRLN2.ROD): (For use at or below FL220 only and ATC use as assigned). From over OBRLN INT via ROD R-055 to ROD VORTAC.

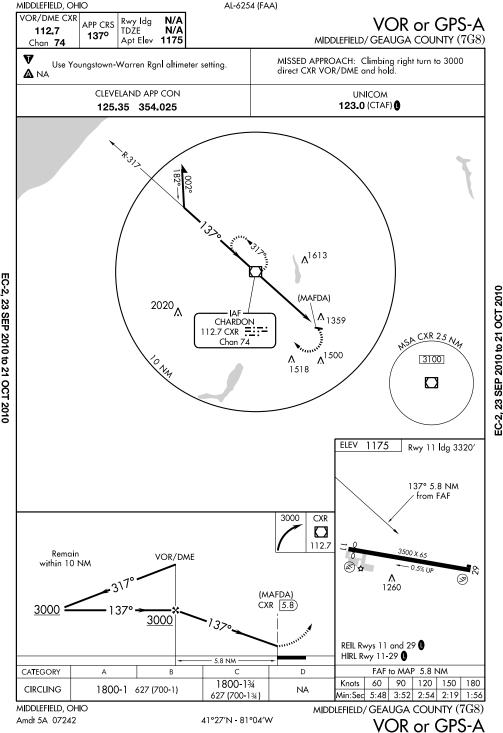
TAKE-OFF OBSTACLES:

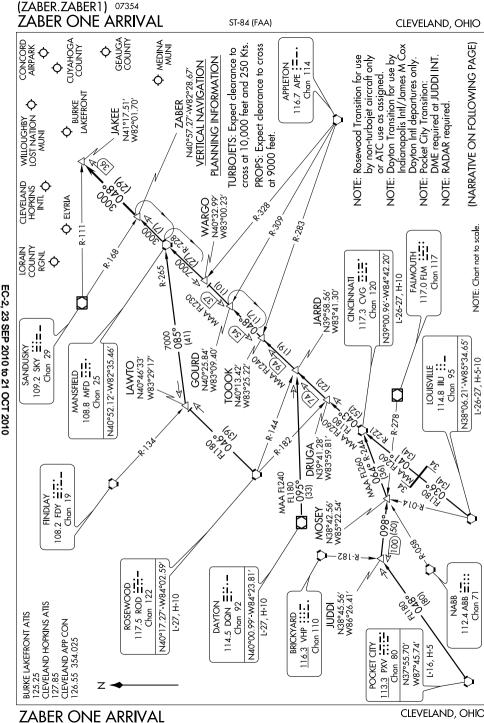
Rwy 11: Railroad 331' from DER, 315' left of centerline, 23' AGL/1182' MSL. Trees 3144' from DER, 671' left of centerline, 100' AGL/1249' MSL.

Rwy 29: Railroad 349' from DER, 521' left of centerline, 23' AGL/1212' MSL. Multiple Buildings 993' from DER, 294' right of centerline, 40' AGL/1239' MSL.

> Trees 1875' from DER, 791' right of centerline, 100' AGL/1319' MSL. Tank 2251' from DER, 578' right of centerline, 125' AGL/1315' MSL.







CINCINNATI TRANSITION (CVG.ZABER1): From over CVG VORTAC via CVG R-043 to TOOOK INT, then via MFD R-228 to MFD VORTAC, then via MFD R-048 to ZABER INT.

Thence

EC-2, 23 SEP 2010 to 21 OCT 2010

DAYTON TRANSITION (DQN.ZABER1): (For use by INDIANAPOLIS INTL/JAMES M COX DAYTON INTL departures only). From over DQN VOR/DME via DQN R-095 to JARRD INT, then via CVG R-043 to TOOOK INT, then via MFD R-228 to MFD VORTAC, then via

MFD R-048 to ZABER INT. Thence. . . .

LOUISVILLE TRANSITION (IIU.ZABER1): From over IIU VORTAC via IIU R-036 and CVG R-221 to CVG VORTAC, then via CVG R-043 to TOOOK INT, then via MFD R-228 to

MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . . POCKET CITY TRANSITION (PXV.ZABER1): (DME REQUIRED at JUDDI INT) From over

PXV VORTAC via PXV R-048 to JUDDI INT, then via FLM R-278 to MOSEY INT, then via

CVG R-244 to CVG VORTAC, then via CVG R-043 to TOOOK INT, then via MFD R-228 to MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . .

ROSEWOOD TRANSITION (ROD.ZABER1): (For use by non-turbo aircraft only or ATC use

as assigned). From over ROD VORTAC via ROD R-046 to LAWTO INT, then via MFD R-265

to MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . .

. . . . From over ZABER INT via MFD R-048 to JAKEE INT. Expect radar vectors to final approach course.

OHIO **MIDDLEFIELD**

(7G8) 1 SE UTC-5(-4DT) N41°26.98' W81°03.78'

FUEL 100LL TPA-2199(1025) NOTAM FILE CLE 1174 B RWY 11-29: H3500X65 (ASPH) S-18.5 HIRL 0.5% up W. RWY 11: REIL, TRCV (TRIR), Thid dsplcd 180', Tank. RWY 29: REIL. TRCV (TRIL). Trees.

11-29 and REIL Rwy 11 and Rwy 29—CTAF, Rwy 11 and Rwy 29 TRCV OTS indef. Ultralight ops conduct a close-in 500' AGL rgt hand pattern during dalgt hrs. Parallel twy clsd permanently. E of T-hangars. COMMUNICATIONS: CTAF/UNICOM 123.0

CHARDON RCO 122.1R 112.7T (CLEVELAND RADIO) (R) CLEVELAND APP/DEP CON 125.35 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

CHARDON (H) VOR/DME 112.7 CXR Chan 74 N41°31.02′ W81°09.79′ 137° 6.1 NM to fld. 1310/5W.

COMM/NAV/WEATHER REMARKS: For IFR clearance ctc Cleveland apch control at 216-898-2040.

MIDDLETOWN RGNL/HOOK FLD

650 B S4

RWY 05: REIL. PAPI(P4L). Trees.

RWY 23: REIL. PAPI(P4L). Thid dspicd 299'. Tree. Rgt tfc. RWY 08-26: 3040X297 (TURF) RWY 08: Thid dspicd 951'. Trees.

RWY 26: Trees. Rgt tfc. AIRPORT REMARKS: Attended 1300-2300Z‡. CAUTION: Ultralights enter/exit pattern at Rwy 08 to N lower than regular

tfc pattern. Ultralights do not fly S of Rwy 26. Rwy 08-26 marked with white and black cones. ACTIVATE MIRL Rwy 05-23-CTAF.

WEATHER DATA SOURCES: AWOS-3 120.025 (513) 422-3505. COMMUNICATIONS: CTAF/UNICOM 123.0 R DAYTON APP CON 126.5 (091°-180°) 118.85 127.225

DAYTON CLNC DEL 119.4 (937) 454-7282

RADIO AIDS TO NAVIGATION: NOTAM FILE FEO.

indef

ONIDA NDB (LOM) 223 MW N39°34.70′ W84°19.41′ 235°4.4 NM to fld. Unmonitored. IIS 111 1 Rwv 23 LOM ONIDA NDB, LOC only. I-MWO

MIDWEST N39°25.78′ W83°48.07′

Unmonitored when twr clsd. VOR unusable 051°-224°. 170°-275°.

(See ALLIANCE) MILLER FARM LANDING STRIP

RICHMOND (L) VORTAC 110.6 RID Chan 43 N39°45.30′ W84°50.33′ 126° 24.5 NM to fld. 1135/3W. HOOK FLD NDB (MHW) 239 HKF N39°29.93′ W84°26.85′ 054° 3.1 NM to fld. NOTAM FILE DAY. NDB OTS

(T) VORW/DME 112.9 MXO Chan 76 at Airborne Airpark, 1050/4W.

(See BALTIMORE)

NOTAM FILE ILN.

R DAYTON DEP CON 126.5 (091°-180°)

CINCINNATI

H-10G, L-27E

DETROIT

1-30G

IAP

CINCINNATI

H-10G, L-27E

IAP

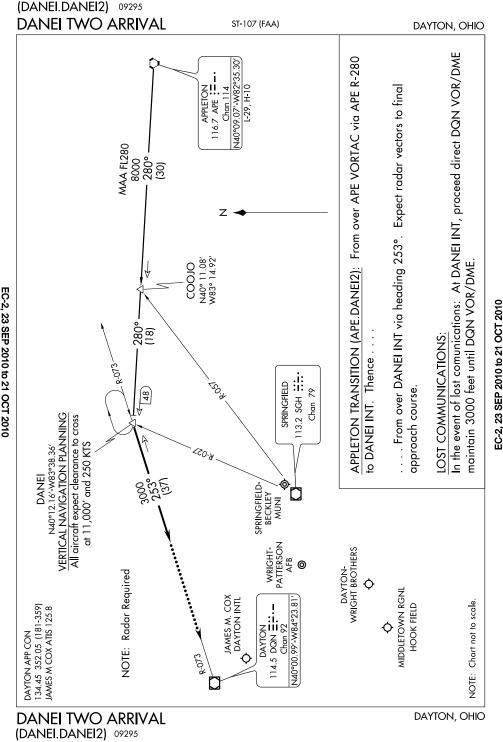
(MWO) 2 N UTC-5(-4DT) N39°31.91′ W84°23.79′ FUEL 100LL, JET A OX 1, 2 NOTAM FILE DAY RWY 05-23: H6100X100 (ASPH) S-66, D-78, 2S-99, 2D-140 MIRL

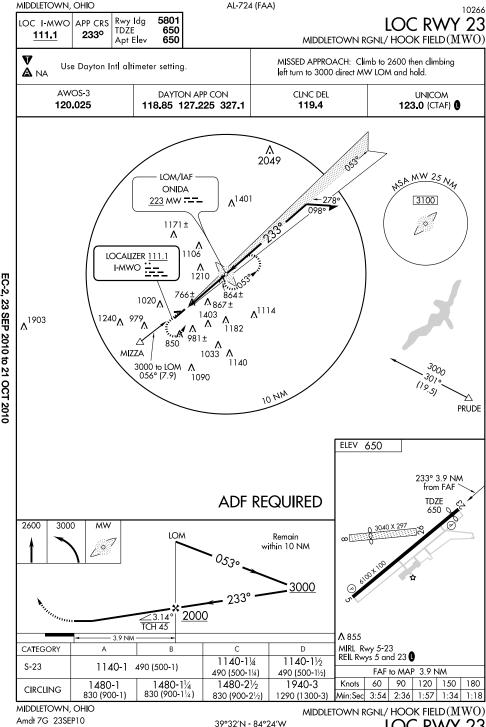
MILLER

GEAUGA CO

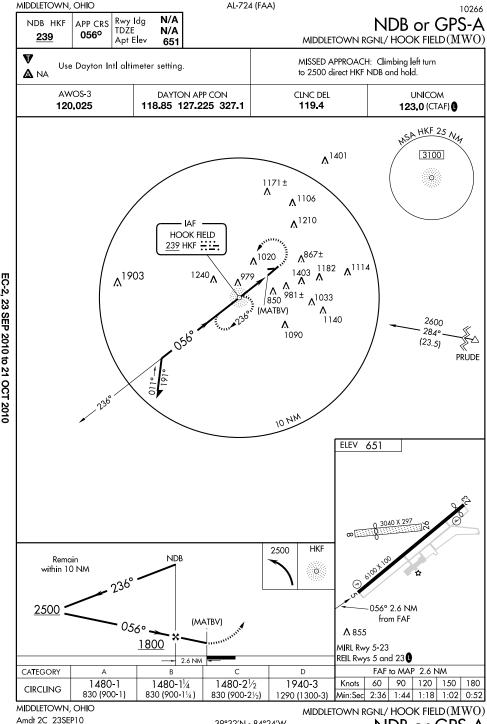
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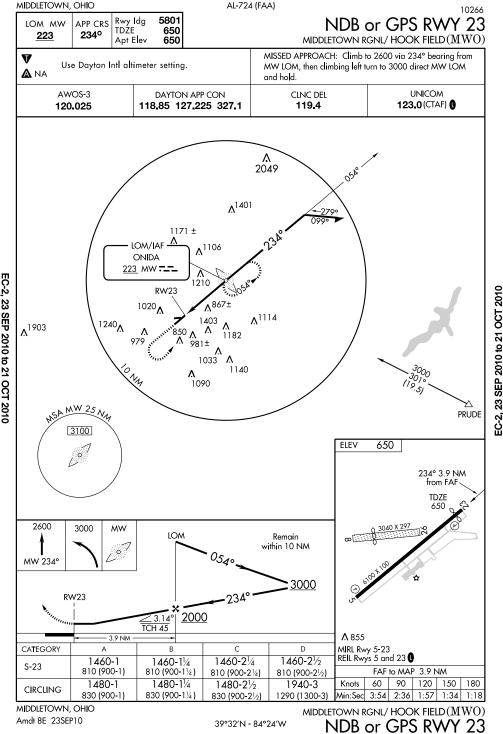
AIRPORT REMARKS: Unattended. Use care when taxiing on ramp, loose gravel and rough areas. ACTIVATE HIRL Rwy





RW





OHIO 249 MILLERSBURG HOLMES CO 2 SW UTC-5(-4DT) N40°32.23' W81°57.26' (1ØG) DETROIT S4 FUEL 100LL, JET A OX 3 L-29B NOTAM FILE CLE RWY 09-27: H3498X65 (ASPH) S-14, D-25 MIRL IAP RWY 09: REIL. Pole. RWY 27: REIL. VASI(V2L). AIRPORT REMARKS: Attended Mon-Fri 1300-0000Z‡, Sat €3 1400-2300Z‡, Sun 1730-2200Z‡. Deer on and invof arpt. ACTIVATE MIRL Rwy 09-27 and REIL Rwy 09 and Rwy 27-123.4. WEATHER DATA SOURCES: AWOS-3 128.325 (330) 674-6279. €3 COMMUNICATIONS: CTAF/UNICOM 123.0 0 O R INDIANAPOLIS CENTER APP/DEP CON 124.45 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. TIVERTON (L) VOR/DME 116.5 TVT Chan 112 N40°27.48' (3 W82°07.61' 062° 9.2 NM to fld. 1340/3W.

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MILLS
       (See MANTUA)
MONROE CO
             (See WOODSFIELD)
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MORAINE AIR PARK (See DAYTON) MORGAN CO (See McCONNELSVILLE) MORROW CO (See MOUNT GILEAD) MOUNT GILFAD MORROW CO 2 SW UTC-5(-4DT) N40°31.47′ W82°51.00′ DETROIT NOTAM FILE CLE L-29A RWY 10-28: H3497X65 (ASPH) S-3 MIRL 0.3% up E IAP

RWY 28: SAVASI(S2L)-GA 4.0° TCH 26'. Trees. AIRPORT REMARKS: Attended Mon-Sat 1400-2300Z‡, VFR ops only, Rwy 28 SAVASI OTS indef, ACTIVATE MIRL Rwy 10-28-CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

(R) MANSFIELD APP/DEP CON 124.2 (1100-0400Z±)

RADIO AIDS TO NAVIGATION: NOTAM FILE MFD.

MANSFIELD (L) VORTAC 108.8 MFD Chan 25 N40°52.12′ W82°35.46′ 213° 23.8 NM to fld. 1210/3W.

BUCKEYE (T) VORW 109.8 BUD N40°37.00′ W83°03.81′ 124° 11.2 NM to fld. NOTAM FILE MNN.

RCLEVELAND CENTER APP/DEP CON 134.9 (0400-1100Z‡)

MOUNT VERNON

KNOX CO

(413)4 SW UTC-5(-4DT) N40°19.74′ W82°31.57′ DETROIT B S4 FUEL 80, 100LL, JET A1+ TPA-1999(808) NOTAM FILE CLE H-10G, L-29A

RWY 10-28: H5500X100 (ASPH) S-55, D-100 MIRL IAP RWY 28: REIL. PAPI(P4L). RWY 10: REIL. PAPI(P4L). Tree.

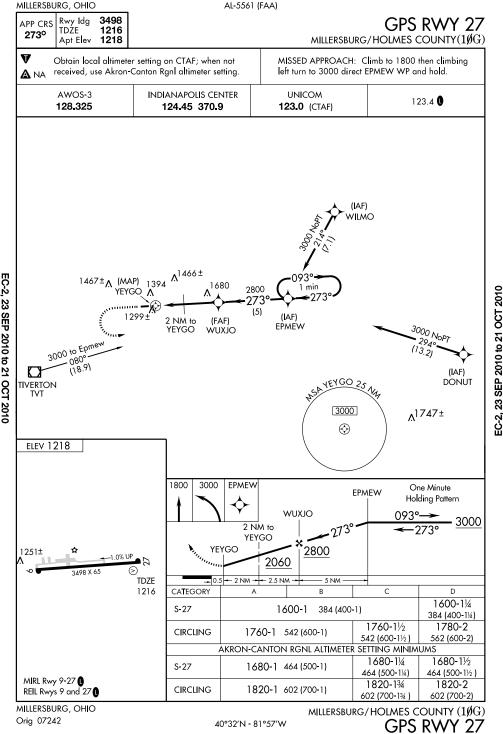
AIRPORT REMARKS: Attended Nov-Mar Mon-Fri 1200-2300Z‡, Apr-Oct Mon-Fri 1200-0000Z‡, Sat 1400-2200Z‡,

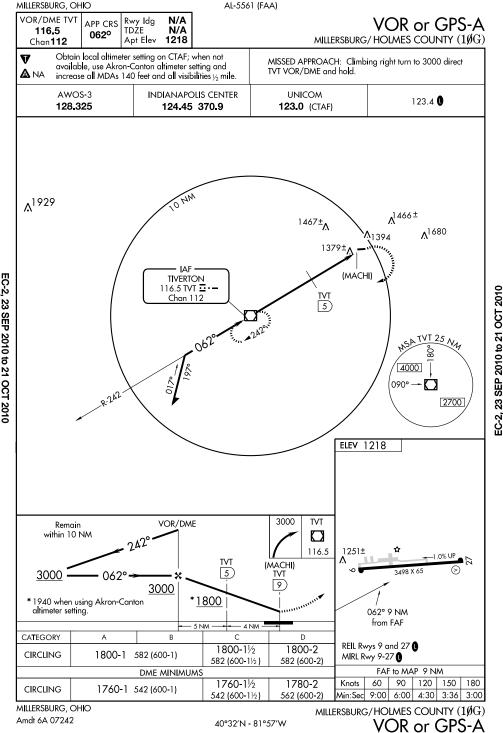
Sun 1500-2200Z‡. For attendance other times call 24 hrs in advance 740-694-4687. Deer on and invof arpt. ACTIVATE MIRL Rwy 10-28—CTAF, Rwy 10 and Rwy 28 PAPI's opr continuously.

WEATHER DATA SOURCES: AWOS-3 126.05 (740) 397-6297. COMMUNICATIONS: CTAF/UNICOM 123.05

APPLETON RCO 122.1R 116.7T (DAYTON RADIO) (R) COLUMBUS APP/DEP CON 120.2 CLNC DEL 119.45 RADIO AIDS TO NAVIGATION: NOTAM FILE DAY.

TIVERTON (I) VOR/DMF 116 5 TVT Chan 112 N40°27 48' W82°07 61' 250° 19 9 NM to fld 1340/3W





OHIO 249 MILLERSBURG HOLMES CO 2 SW UTC-5(-4DT) N40°32.23' W81°57.26' (1ØG) DETROIT S4 FUEL 100LL, JET A OX 3 L-29B NOTAM FILE CLE RWY 09-27: H3498X65 (ASPH) S-14, D-25 MIRL IAP RWY 09: REIL. Pole. RWY 27: REIL. VASI(V2L). AIRPORT REMARKS: Attended Mon-Fri 1300-0000Z‡, Sat €3 1400-2300Z‡, Sun 1730-2200Z‡. Deer on and invof arpt. ACTIVATE MIRL Rwy 09-27 and REIL Rwy 09 and Rwy 27-123.4. WEATHER DATA SOURCES: AWOS-3 128.325 (330) 674-6279. €3 COMMUNICATIONS: CTAF/UNICOM 123.0 0 O R INDIANAPOLIS CENTER APP/DEP CON 124.45 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. TIVERTON (L) VOR/DME 116.5 TVT Chan 112 N40°27.48' (3 W82°07.61' 062° 9.2 NM to fld. 1340/3W.

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MILLS
       (See MANTUA)
MONROE CO
             (See WOODSFIELD)
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MORAINE AIR PARK (See DAYTON) MORGAN CO (See McCONNELSVILLE) MORROW CO (See MOUNT GILEAD) MOUNT GILFAD MORROW CO 2 SW UTC-5(-4DT) N40°31.47′ W82°51.00′ DETROIT NOTAM FILE CLE L-29A RWY 10-28: H3497X65 (ASPH) S-3 MIRL 0.3% up E IAP

RWY 28: SAVASI(S2L)-GA 4.0° TCH 26'. Trees. AIRPORT REMARKS: Attended Mon-Sat 1400-2300Z‡, VFR ops only, Rwy 28 SAVASI OTS indef, ACTIVATE MIRL Rwy 10-28-CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

(R) MANSFIELD APP/DEP CON 124.2 (1100-0400Z±)

RADIO AIDS TO NAVIGATION: NOTAM FILE MFD.

MANSFIELD (L) VORTAC 108.8 MFD Chan 25 N40°52.12′ W82°35.46′ 213° 23.8 NM to fld. 1210/3W.

BUCKEYE (T) VORW 109.8 BUD N40°37.00′ W83°03.81′ 124° 11.2 NM to fld. NOTAM FILE MNN.

RCLEVELAND CENTER APP/DEP CON 134.9 (0400-1100Z‡)

MOUNT VERNON

KNOX CO

(413)4 SW UTC-5(-4DT) N40°19.74′ W82°31.57′ DETROIT B S4 FUEL 80, 100LL, JET A1+ TPA-1999(808) NOTAM FILE CLE H-10G, L-29A

RWY 10-28: H5500X100 (ASPH) S-55, D-100 MIRL IAP RWY 28: REIL. PAPI(P4L). RWY 10: REIL. PAPI(P4L). Tree.

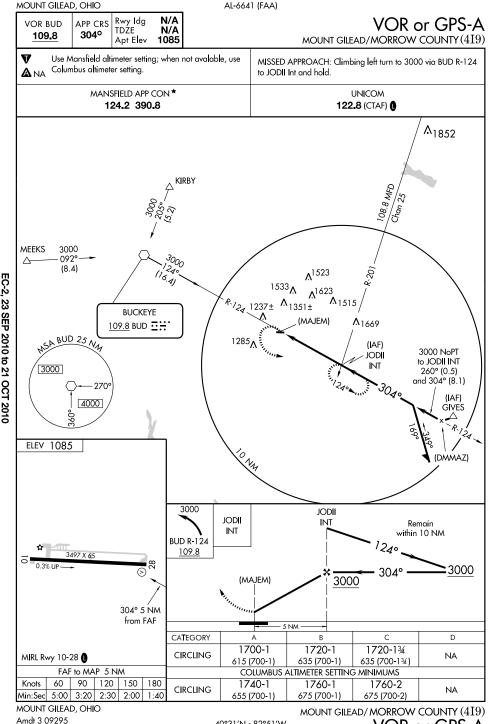
AIRPORT REMARKS: Attended Nov-Mar Mon-Fri 1200-2300Z‡, Apr-Oct Mon-Fri 1200-0000Z‡, Sat 1400-2200Z‡,

Sun 1500-2200Z‡. For attendance other times call 24 hrs in advance 740-694-4687. Deer on and invof arpt. ACTIVATE MIRL Rwy 10-28—CTAF, Rwy 10 and Rwy 28 PAPI's opr continuously.

WEATHER DATA SOURCES: AWOS-3 126.05 (740) 397-6297. COMMUNICATIONS: CTAF/UNICOM 123.05

APPLETON RCO 122.1R 116.7T (DAYTON RADIO) (R) COLUMBUS APP/DEP CON 120.2 CLNC DEL 119.45 RADIO AIDS TO NAVIGATION: NOTAM FILE DAY.

TIVERTON (I) VOR/DMF 116 5 TVT Chan 112 N40°27 48' W82°07 61' 250° 19 9 NM to fld 1340/3W



40°31′N - 82°51′W

OHIO 249 MILLERSBURG HOLMES CO 2 SW UTC-5(-4DT) N40°32.23' W81°57.26' (1ØG) DETROIT S4 FUEL 100LL, JET A OX 3 L-29B NOTAM FILE CLE RWY 09-27: H3498X65 (ASPH) S-14, D-25 MIRL IAP RWY 09: REIL. Pole. RWY 27: REIL. VASI(V2L). AIRPORT REMARKS: Attended Mon-Fri 1300-0000Z‡, Sat €3 1400-2300Z‡, Sun 1730-2200Z‡. Deer on and invof arpt. ACTIVATE MIRL Rwy 09-27 and REIL Rwy 09 and Rwy 27-123.4. WEATHER DATA SOURCES: AWOS-3 128.325 (330) 674-6279. €3 COMMUNICATIONS: CTAF/UNICOM 123.0 0 O R INDIANAPOLIS CENTER APP/DEP CON 124.45 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. TIVERTON (L) VOR/DME 116.5 TVT Chan 112 N40°27.48' (3 W82°07.61' 062° 9.2 NM to fld. 1340/3W.

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MILLS
       (See MANTUA)
MONROE CO
             (See WOODSFIELD)
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MORAINE AIR PARK (See DAYTON) MORGAN CO (See McCONNELSVILLE) MORROW CO (See MOUNT GILEAD) MOUNT GILFAD MORROW CO 2 SW UTC-5(-4DT) N40°31.47′ W82°51.00′ DETROIT NOTAM FILE CLE L-29A RWY 10-28: H3497X65 (ASPH) S-3 MIRL 0.3% up E IAP

RWY 28: SAVASI(S2L)-GA 4.0° TCH 26'. Trees. AIRPORT REMARKS: Attended Mon-Sat 1400-2300Z‡, VFR ops only, Rwy 28 SAVASI OTS indef, ACTIVATE MIRL Rwy 10-28-CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

(R) MANSFIELD APP/DEP CON 124.2 (1100-0400Z±)

RADIO AIDS TO NAVIGATION: NOTAM FILE MFD.

MANSFIELD (L) VORTAC 108.8 MFD Chan 25 N40°52.12′ W82°35.46′ 213° 23.8 NM to fld. 1210/3W.

BUCKEYE (T) VORW 109.8 BUD N40°37.00′ W83°03.81′ 124° 11.2 NM to fld. NOTAM FILE MNN.

RCLEVELAND CENTER APP/DEP CON 134.9 (0400-1100Z‡)

MOUNT VERNON

KNOX CO

(413)4 SW UTC-5(-4DT) N40°19.74′ W82°31.57′ DETROIT B S4 FUEL 80, 100LL, JET A1+ TPA-1999(808) NOTAM FILE CLE H-10G, L-29A

RWY 10-28: H5500X100 (ASPH) S-55, D-100 MIRL IAP RWY 28: REIL. PAPI(P4L). RWY 10: REIL. PAPI(P4L). Tree.

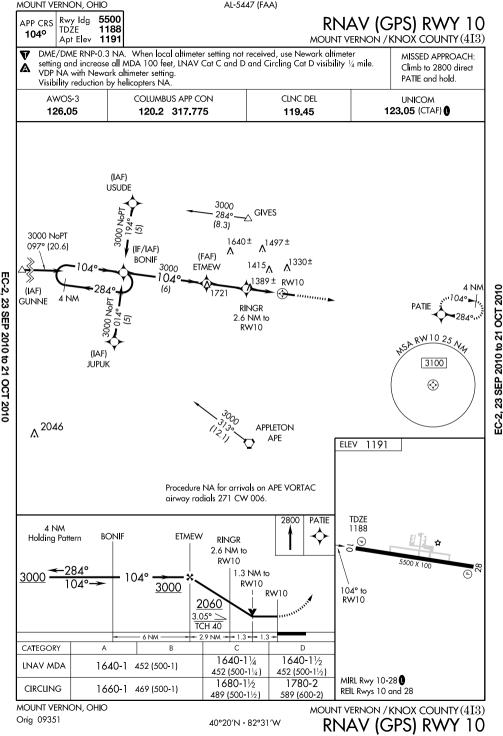
AIRPORT REMARKS: Attended Nov-Mar Mon-Fri 1200-2300Z‡, Apr-Oct Mon-Fri 1200-0000Z‡, Sat 1400-2200Z‡,

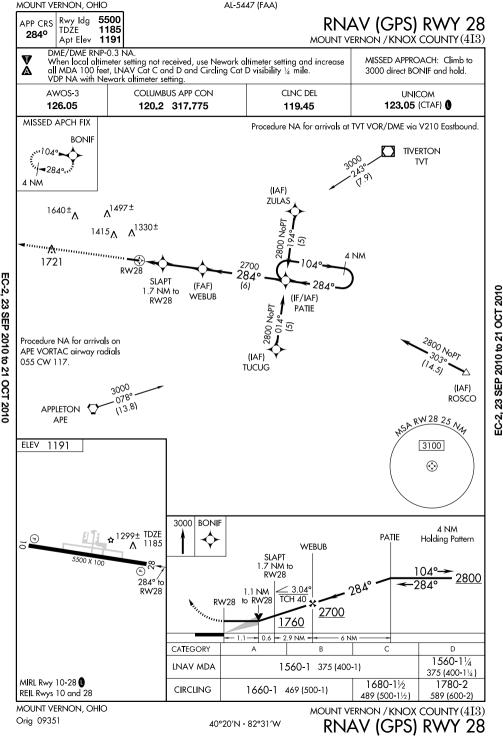
Sun 1500-2200Z‡. For attendance other times call 24 hrs in advance 740-694-4687. Deer on and invof arpt. ACTIVATE MIRL Rwy 10-28—CTAF, Rwy 10 and Rwy 28 PAPI's opr continuously.

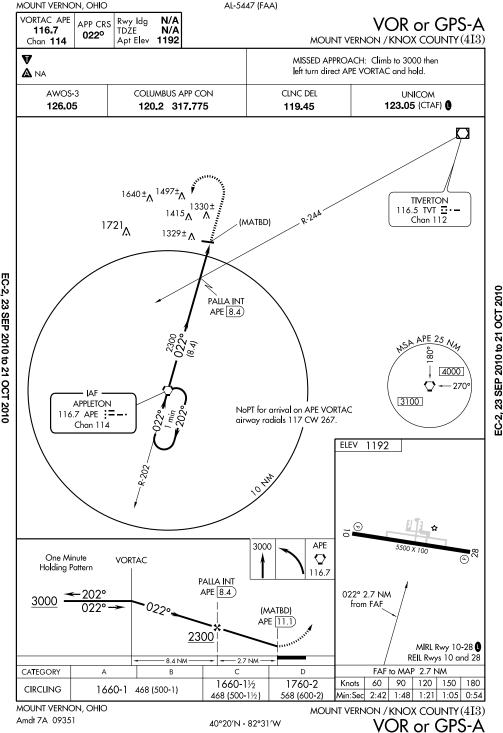
WEATHER DATA SOURCES: AWOS-3 126.05 (740) 397-6297. COMMUNICATIONS: CTAF/UNICOM 123.05

APPLETON RCO 122.1R 116.7T (DAYTON RADIO) (R) COLUMBUS APP/DEP CON 120.2 CLNC DEL 119.45 RADIO AIDS TO NAVIGATION: NOTAM FILE DAY.

TIVERTON (I) VOR/DMF 116 5 TVT Chan 112 N40°27 48' W82°07 61' 250° 19 9 NM to fld 1340/3W







WYNKOOP 2 S UTC-5(-4DT) N40°21.90′ W82°29.74′ (6G4) В S2 FUEL 100LL NOTAM FILE CLE RWY 06-24: 3355X90 (TURF) LIRL (NSTD)

RWY 06: Thid dsplcd 43'. Trees.

RWY 09-27: 2600X65 (TURF-DIRT)

250

RWY 27: Road. RWY 09: Brush. AIRPORT REMARKS: Attended Apr-Sep Mon-Sat 1300-2300Z‡, Oct-Mar Mon-Sat 1300-2100Z‡. Deer on and invof arpt. For rotating bcn call 740-392-9125. Rwy 06-24 NSTD LIRL; one green thid lgt each side of thid; dsplcd thids not lgtd; 2617' of rwy lgtd. NSTD LIRL ops dusk-dawn Apr-Oct. Rwy 06-24 edges and dspicd thids marked with white Igt fixtures with small white cones attached. **COMMUNICATIONS: CTAF 122.9** MOUNT VICTORY ELLIOTTS LANDING (074) 1 SE UTC-5(-4DT) N40°31.48′ W83°30.70′ DETROIT NOTAM FILE DAY

RWY 24: Thid dspicd 400', Road.

DETROIT

L-28J

IAP

RWY 15-33: 2750X110 (TURF) RWY 15: Trees. RWY 33: P-line. AIRPORT REMARKS: Unattended. Rwy 15-33 marked with tires on each end. COMMUNICATIONS: CTAF 122 9

NAPOLEON HENRY CO (7W5) 3 E UTC-5(-4DT) N41°22.46′ W84°04.11′ DETROIT FUEL 100LL, JET A NOTAM FILE CLE S2 RWY 10-28: H3956X65 (ASPH) MIRL RWY 10: REIL, PAPI(P2L)—GA 3.0° TCH 25', Road. RWY 28: REIL, PAPI(P2L)—GA 3.0° TCH 25', Trees. AIRPORT REMARKS: Attended Apr-Sep 1300Z‡-dusk, Oct-Mar, Mon-Sat 1300-2230Z‡. Rwy 28 REIL OTS indef. ACTIVATE MIRL Rwy 10-28; REIL Rwy 10 and Rwy 28; PAPI Rwy 10 and Rwy 28-CTAF.

COMMUNICATIONS: CTAF/UNICOM 123.0 (R) TOLEDO APP/DEP CON 134.35 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. VWV Chan 78 N41°27.09′ W83°38.32′ 259° 19.9 NM to fld. 660/2W. WATERVILLE (L) VOR/DME 113.1

NEIL ARMSTRONG (See WAPAKONETA) NEWARK N40°01.56′ W82°27.81′ NOTAM FILE DAY. DETROIT NDB (MHW) 524 HEH L-29A at Newark-Heath.

NEWARK-HEATH (VTA) 3 SW UTC-5(-4DT) N40°01.48′ W82°27.71′ DETROIT S4 FUEL 100LL, JET A1+ 0X 1, 2 TPA-1900(1016) NOTAM FILE VTA L-29A RWY 09-27: H4649X75 (ASPH) S-30 LIRL 0.3% up W IAP RWY 09: REIL, PAPI(P4L)—GA 3.25° TCH 27', Thid dspicd 455', Road. RWY 27: REIL. PAPI(P4R)-GA 3.25° TCH 20'. Fence. AIRPORT REMARKS: Attended Apr-Oct 1230-0030Z±, Nov-Mar 1230±-dark, Fuel avbl 1230Z±-dark, Deer occasionally

on or near rwy. Rwy 09 and 27 REILS OTS indef. MIRL Rwy 09-27 and REIL Rwys 09 and 27 operates low intensity continuously to increase intensity-123.3. WEATHER DATA SOURCES: ASOS 121.125 (740) 522-1066. COMMUNICATIONS: CTAF/UNICOM 122.7 APPLETON RCO 122.1R 116.7T (DAYTON RADIO)

(R) COLUMBUS APP/DEP CON 120.2 CLNC DEL 124.85

RADIO AIDS TO NAVIGATION: NOTAM FILE DAY. APPLETON (H) VORTAC 116.7 APE Chan 114 N40°09.06' W82°35.30' 148° 9.6 NM to fld. 1350/6W.

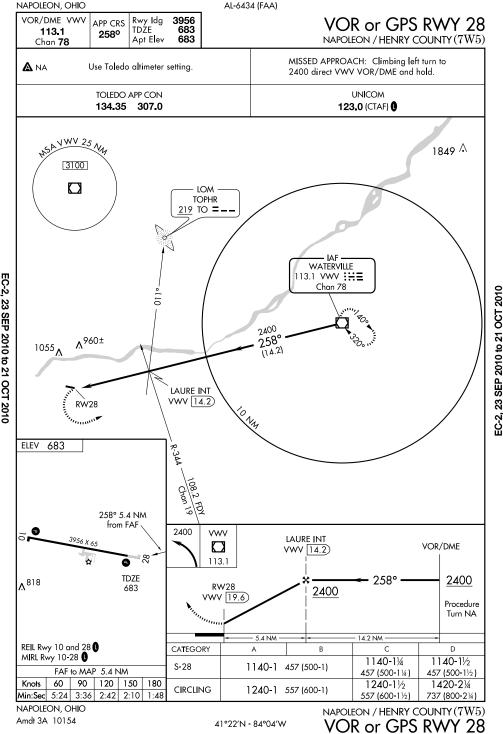
HIWAS.

NDB (MHW) 524 HEH N40°01.56' W82°27.81' at fld. ILS 110.9 RXK Rwv 09. LOC only.

NEWCOMERSTOWN N40°13.75′ W81°28.59′ NOTAM FILE CLE.

RCO 122 1R 111 8T (CLEVELAND RADIO)

DETROIT (L) VOR/DME 111.8 CTW Chan 55 017° 14.7 NM to Harry Clever Fld. 1180/7W. HIWAS. H-10G, L-29B Unusable 015°-030°; 090°-100° byd 30 NM; 051°-066°; 011°-120° byd 30 NM blo 3300′.



OHIO 251 **NEW LEXINGTON** PERRY CO (186) 2 S UTC-5(-4DT) N39°41.50′ W82°11.87′ CINCINNATI 1051 B S2 FUEL 100LL NOTAM FILE CLE 1-29R RWY 08-26: H3498X75 (ASPH) MIRL 0.3% up SW IAP RWY 08: Fence. RWY 26: REIL. Trees. AIRPORT REMARKS: Attended Mon-Sat 1300-2100Z‡. For fuel after hrs call 740-605-1966. For after hrs call ahead for svc 740-343-0933. Rwy 08-26 has 3" to 4" wide cracks at various locations. Rwy 26 REIL OTS indef. ACTIVATE MIRL 08-26 and REIL Rwy 26-122.8. Deer and turkey on and invof arpt. COMMUNICATIONS: CTAF/UNICOM 122.8 (R) INDIANAPOLIS CENTER APP/DEP CON 124.45 RADIO AIDS TO NAVIGATION: NOTAM FILE ZZV. ZANESVILLE (L) VOR/DME 111.4 ZZV Chan 51 N39°56.45′ W81°53.56′ 229° 20.6 NM to fld. 900/6W. NEW PHILADELPHIA HARRY CLEVER FLD (PHD) 3 SE UTC-5(-4DT) N40°28.21' W81°25.20' DETROIT S4 FUEL 100LL, JET A+ NOTAM FILE PHD L-29B RWY 14-32: H3951X100 (ASPH) S-52.5, D-67.5, 2S-86, 2D-140 MIRL IAP RWY 14: REIL. PAPI(P4R)—GA 4.0° TCH 30'. Thid dspicd 330'. Trees. RWY 32: REIL. PAPI(P4L)-GA 4.0° TCH 54'. Road. RWY 11-29: 1907X70 (TURF)

RWY 11: Trees. RWY 29: Trees. AIRPORT REMARKS: Attended Apr-Sep 1300-0100Z‡, Oct-Mar 1300-2200Z‡. Two 919' unlighted twrs 180' NE of Rwv 14-32, ACTIVATE MIRL Rwv 14-32-123.3. WEATHER DATA SOURCES: ASOS 121.425 (330) 339-1125. COMMUNICATIONS: CTAF/UNICOM 122.8

BRIGGS RCO 122.1R 112.4T (CLEVELAND RADIO) R AKRON-CANTON APP/DEP CON 125.5 (1100-0500Z‡) RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

RCLEVELAND CENTER APP/DEP CON 134.9 (0500-1100Z‡) BRIGGS (L) VOR/DME 112.4 BSV Chan 71 N40°44.44′ W81°25.93′ 182° 16.2 NM to fld. 1230/4W. NEWCOMERSTOWN (L) VOR/DME 111.8 CTW Chan 55 N40°13.75′ W81°28.59′ 017° 14.7 NM to fld. 1180/7W. HIWAS.

NEWTON FALLS

BRACEVILLE (41N) 2 N UTC-5(-4DT) N41°12.67′ W80°58.16′ DETROIT

900 NOTAM FILE CLE 1-30G

RWY 01-19: H3000X30 (ASPH)

RWY 01: Thid dspicd 55'. Bldg. RWY 19: Trees. AIRPORT REMARKS: Attended irregularly.

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE CAK.

Chan 91 N41°06.48′ W81°12.09′ 63° 12.2 NM to fld. 1200/4W. AKRON (L) VOR/DME 114.4 ACO

NOBLE CO (See CALDWELL)

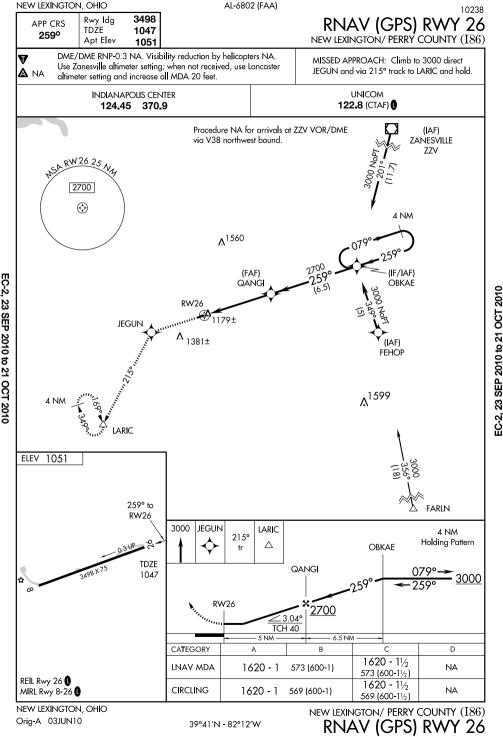
NORTH BASS ISLAND (3X5) Ø NW UTC-5(-4DT) N41°43.08' W82°49.27'

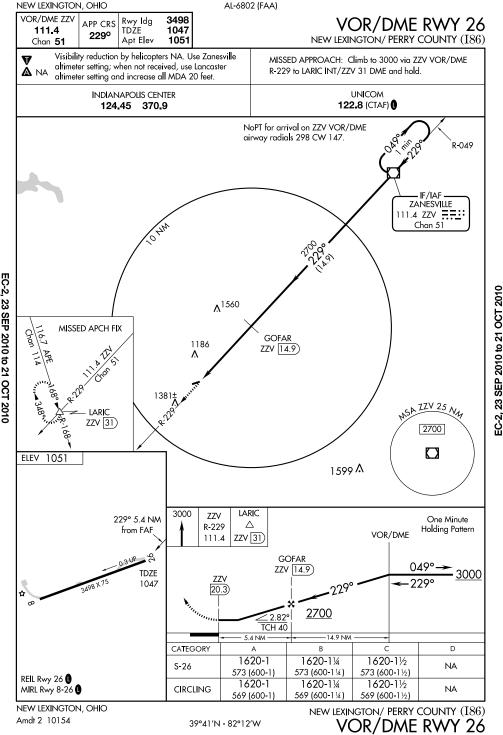
DETROIT 594 NOTAM FILE CLE

RWY 08-26: 1900X150 (TURF) RWY 01-19: H1804X60 (ASPH)

RWY N1. Tree RWY 19: Trees. Rgt tfc. AIRPORT REMARKS: Unattended. Rwy 08-26 CLOSED indef. No touch and go landings and no student training. No ops dusk-dawn.

COMMUNICATIONS: CTAF/UNICOM 122 8





OHIO 251 **NEW LEXINGTON** PERRY CO (186) 2 S UTC-5(-4DT) N39°41.50′ W82°11.87′ CINCINNATI 1051 B S2 FUEL 100LL NOTAM FILE CLE 1-29R RWY 08-26: H3498X75 (ASPH) MIRL 0.3% up SW IAP RWY 08: Fence. RWY 26: REIL. Trees. AIRPORT REMARKS: Attended Mon-Sat 1300-2100Z‡. For fuel after hrs call 740-605-1966. For after hrs call ahead for svc 740-343-0933. Rwy 08-26 has 3" to 4" wide cracks at various locations. Rwy 26 REIL OTS indef. ACTIVATE MIRL 08-26 and REIL Rwy 26-122.8. Deer and turkey on and invof arpt. COMMUNICATIONS: CTAF/UNICOM 122.8 (R) INDIANAPOLIS CENTER APP/DEP CON 124.45 RADIO AIDS TO NAVIGATION: NOTAM FILE ZZV. ZANESVILLE (L) VOR/DME 111.4 ZZV Chan 51 N39°56.45′ W81°53.56′ 229° 20.6 NM to fld. 900/6W. NEW PHILADELPHIA HARRY CLEVER FLD (PHD) 3 SE UTC-5(-4DT) N40°28.21' W81°25.20' DETROIT S4 FUEL 100LL, JET A+ NOTAM FILE PHD L-29B RWY 14-32: H3951X100 (ASPH) S-52.5, D-67.5, 2S-86, 2D-140 MIRL IAP RWY 14: REIL. PAPI(P4R)—GA 4.0° TCH 30'. Thid dspicd 330'. Trees. RWY 32: REIL. PAPI(P4L)-GA 4.0° TCH 54'. Road. RWY 11-29: 1907X70 (TURF) RWY 11: Trees. RWY 29: Trees.

AIRPORT REMARKS: Attended Apr-Sep 1300-0100Z‡, Oct-Mar 1300-2200Z‡. Two 919' unlighted twrs 180' NE of Rwv 14-32, ACTIVATE MIRL Rwv 14-32-123.3. WEATHER DATA SOURCES: ASOS 121.425 (330) 339-1125. COMMUNICATIONS: CTAF/UNICOM 122.8 BRIGGS RCO 122.1R 112.4T (CLEVELAND RADIO)

R AKRON-CANTON APP/DEP CON 125.5 (1100-0500Z‡) RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

2 N UTC-5(-4DT) N41°12.67′ W80°58.16′

RWY 19: Trees.

NEWTON FALLS

NOBLE CO

NORTH BASS ISLAND

dusk-dawn.

594 NOTAM FILE CLE RWY 08-26: 1900X150 (TURF) RWY 01-19: H1804X60 (ASPH) RWY N1. Tree

BRACEVILLE (41N)

900 NOTAM FILE CLE

RWY 01-19: H3000X30 (ASPH) RWY 01: Thid dspicd 55'. Bldg.

AIRPORT REMARKS: Attended irregularly. COMMUNICATIONS: CTAF/UNICOM 122.8 RADIO AIDS TO NAVIGATION: NOTAM FILE CAK.

AKRON (L) VOR/DME 114.4 ACO

COMMUNICATIONS: CTAF/UNICOM 122 8

(See CALDWELL)

(3X5)

RWY 19: Trees. Rgt tfc.

RCLEVELAND CENTER APP/DEP CON 134.9 (0500-1100Z‡) BRIGGS (L) VOR/DME 112.4 BSV Chan 71 N40°44.44′ W81°25.93′ 182° 16.2 NM to fld. 1230/4W. NEWCOMERSTOWN (L) VOR/DME 111.8 CTW Chan 55 N40°13.75′ W81°28.59′ 017° 14.7 NM to fld. 1180/7W. HIWAS.

Ø NW UTC-5(-4DT) N41°43.08' W82°49.27'

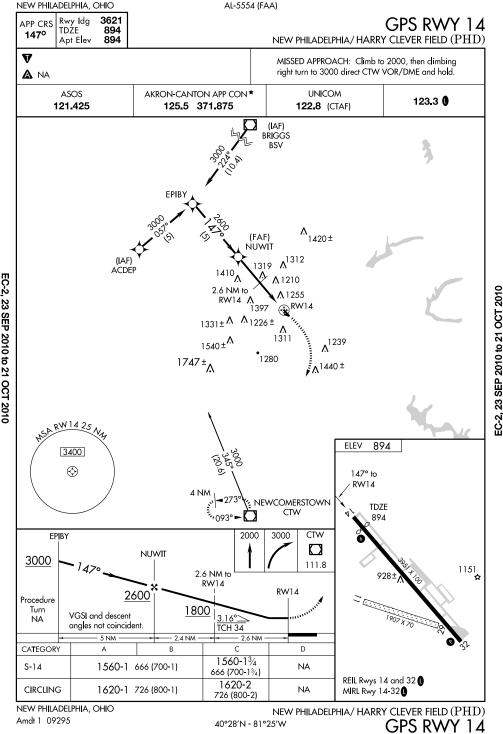
AIRPORT REMARKS: Unattended. Rwy 08-26 CLOSED indef. No touch and go landings and no student training. No ops

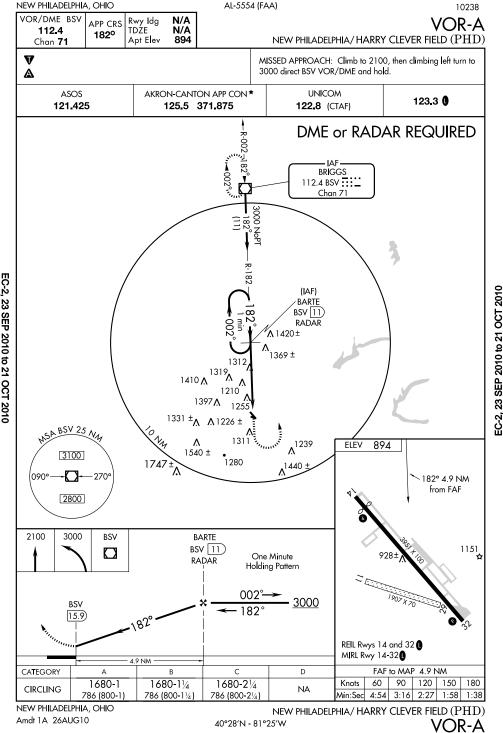
Chan 91 N41°06.48′ W81°12.09′ 63° 12.2 NM to fld. 1200/4W.

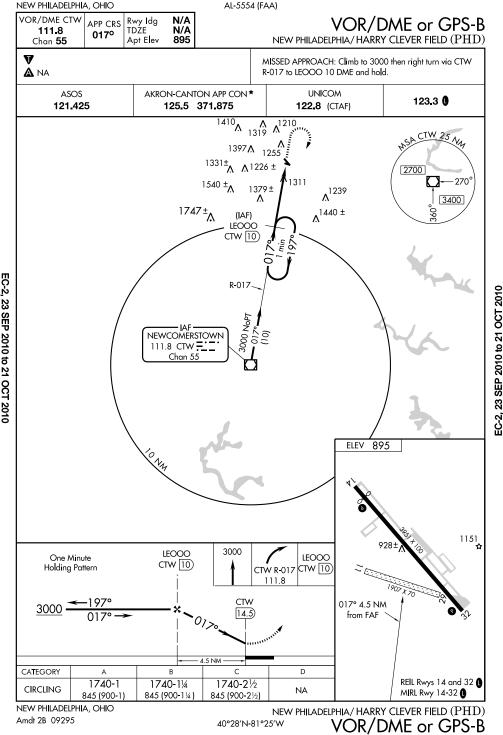
DETROIT

DETROIT

1-30G







WYNKOOP 2 S UTC-5(-4DT) N40°21.90′ W82°29.74′ (6G4) В S2 FUEL 100LL NOTAM FILE CLE RWY 06-24: 3355X90 (TURF) LIRL (NSTD)

RWY 06: Thid dsplcd 43'. Trees.

250

RWY 09-27: 2600X65 (TURF-DIRT) RWY 27: Road. RWY 09: Brush. AIRPORT REMARKS: Attended Apr-Sep Mon-Sat 1300-2300Z‡, Oct-Mar Mon-Sat 1300-2100Z‡. Deer on and invof arpt. For rotating bcn call 740-392-9125. Rwy 06-24 NSTD LIRL; one green thid lgt each side of thid; dsplcd thids not lgtd; 2617' of rwy lgtd. NSTD LIRL ops dusk-dawn Apr-Oct. Rwy 06-24 edges and dspicd thids marked with white Igt fixtures with small white cones attached. **COMMUNICATIONS: CTAF 122.9** MOUNT VICTORY

RWY 24: Thid dspicd 400', Road.

ELLIOTTS LANDING (074) 1 SE UTC-5(-4DT) N40°31.48′ W83°30.70′ NOTAM FILE DAY RWY 15-33: 2750X110 (TURF) RWY 15: Trees. RWY 33: P-line. AIRPORT REMARKS: Unattended. Rwy 15-33 marked with tires on each end.

COMMUNICATIONS: CTAF 122 9 NAPOLEON HENRY CO (7W5) 3 E UTC-5(-4DT) N41°22.46′ W84°04.11′ FUEL 100LL, JET A NOTAM FILE CLE S2

RWY 10-28: H3956X65 (ASPH) MIRL RWY 10: REIL, PAPI(P2L)—GA 3.0° TCH 25', Road. RWY 28: REIL, PAPI(P2L)—GA 3.0° TCH 25', Trees.

AIRPORT REMARKS: Attended Apr-Sep 1300Z‡-dusk, Oct-Mar, Mon-Sat 1300-2230Z‡. Rwy 28 REIL OTS indef. ACTIVATE MIRL Rwy 10-28; REIL Rwy 10 and Rwy 28; PAPI Rwy 10 and Rwy 28-CTAF. COMMUNICATIONS: CTAF/UNICOM 123.0 (R) TOLEDO APP/DEP CON 134.35 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. VWV Chan 78 N41°27.09′ W83°38.32′

WATERVILLE (L) VOR/DME 113.1 NEIL ARMSTRONG (See WAPAKONETA)

NEWARK N40°01.56′ W82°27.81′ NOTAM FILE DAY. NDB (MHW) 524 HEH at Newark-Heath.

NEWARK-HEATH (VTA) 3 SW UTC-5(-4DT) N40°01.48′ W82°27.71′ S4 FUEL 100LL, JET A1+ 0X 1, 2 TPA-1900(1016) NOTAM FILE VTA

RWY 09-27: H4649X75 (ASPH) S-30 LIRL 0.3% up W

RWY 09: REIL, PAPI(P4L)—GA 3.25° TCH 27', Thid dspicd 455', Road. RWY 27: REIL. PAPI(P4R)-GA 3.25° TCH 20'. Fence. AIRPORT REMARKS: Attended Apr-Oct 1230-0030Z±, Nov-Mar 1230±-dark, Fuel avbl 1230Z±-dark, Deer occasionally

on or near rwy. Rwy 09 and 27 REILS OTS indef. MIRL Rwy 09-27 and REIL Rwys 09 and 27 operates low intensity continuously to increase intensity-123.3. WEATHER DATA SOURCES: ASOS 121.125 (740) 522-1066.

COMMUNICATIONS: CTAF/UNICOM 122.7

(R) COLUMBUS APP/DEP CON 120.2

HIWAS. NDB (MHW) 524

ILS 110.9

APPLETON RCO 122.1R 116.7T (DAYTON RADIO)

Rwv 09.

RADIO AIDS TO NAVIGATION: NOTAM FILE DAY.

NEWCOMERSTOWN N40°13.75′ W81°28.59′

RCO 122 1R 111 8T (CLEVELAND RADIO)

RXK

CLNC DEL 124.85

LOC only.

(L) VOR/DME 111.8 CTW Chan 55 017° 14.7 NM to Harry Clever Fld. 1180/7W. HIWAS.

Unusable 015°-030°; 090°-100° byd 30 NM; 051°-066°; 011°-120° byd 30 NM blo 3300′.

HEH N40°01.56' W82°27.81'

APPLETON (H) VORTAC 116.7 APE Chan 114 N40°09.06' W82°35.30' 148° 9.6 NM to fld. 1350/6W.

at fld.

NOTAM FILE CLE.

259° 19.9 NM to fld. 660/2W.

DETROIT

DETROIT

DETROIT

L-28J IAP

DETROIT

DETROIT

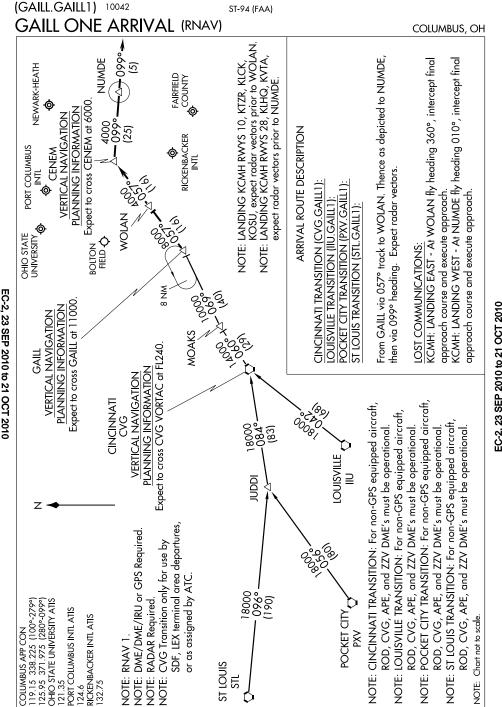
DETROIT

H-10G, L-29B

L-29A

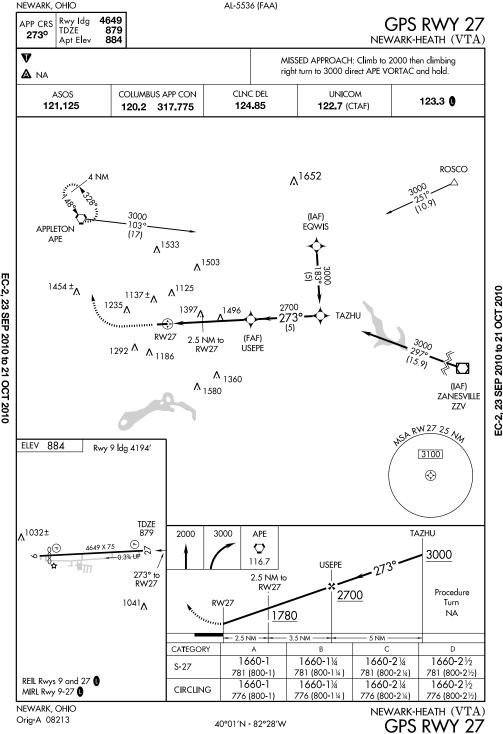
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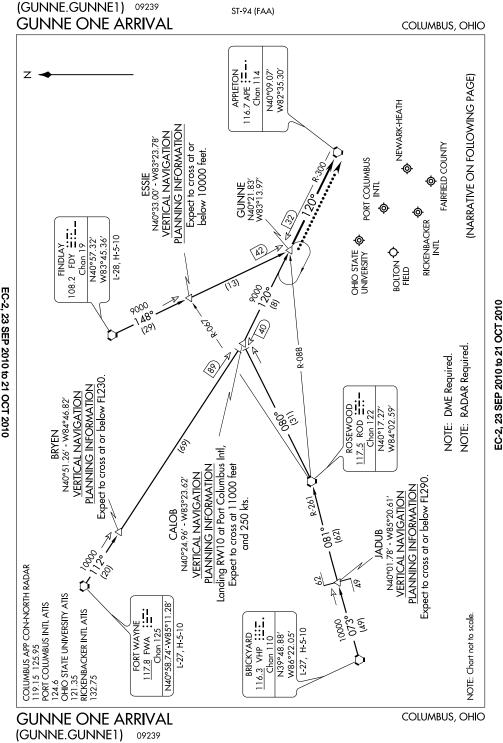
L-29A



RRIVAL (RNAV)

COLUMBUS,





FDY R-148 to GUNNE INT. Thence. . . .

ARRIVAL ROUTE DESCRIPTION

BRICKYARD TRANSITION (VHP.GUNNE1): From over VHP VORTAC via VHP R-073 to JADUB INT, then via ROD R-261 to ROD VORTAC, then via

ROD R-080 to CALOB INT, then via APE R-300 to GUNNE INT. Thence. . . .

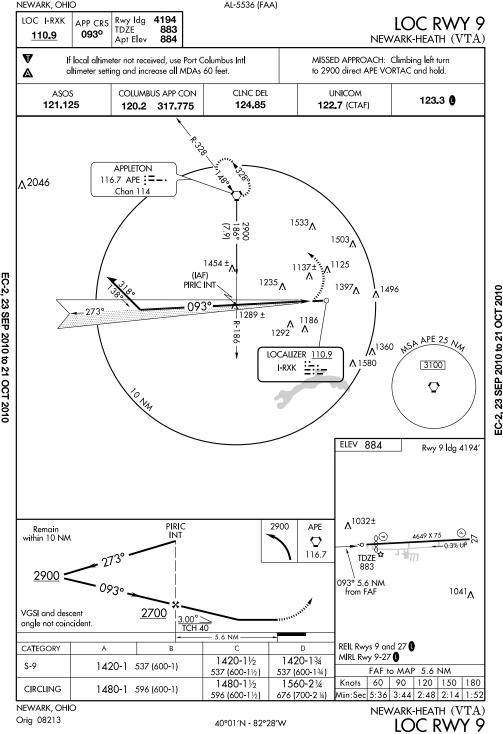
FINDLEY TRANSITION (FDY.GUNNE1): From over FDY VORTAC via

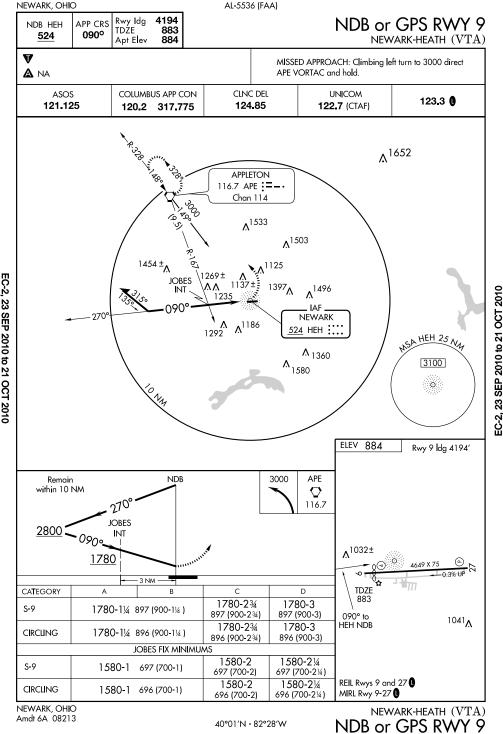
FORT WAYNE TRANSITION (FWA.GUNNE1): From over FWA VORTAC via FWA R-112 to CALOB INT, then via APE R-300 to GUNNE INT. Thence. . . .

. . . . From over GUNNE via heading 120°. Expect radar vectors to final approach course.

LOST COMMUNICATION PROCEDURE:

For all airports - From over GUNNE INT direct APE VORTAC, maintain 4000 and hold.





Amdt 13 08213

NORWALK-HURON CO (5A1) 3 E UTC-5(-4DT) N41°14.69′ W82°33.07′ FUEL 100LL, JET A NOTAM FILE CLE 852 B S4 RWY 10-28: H4210X75 (ASPH) MIRL 0.4% up W RWY 10: Thid dspicd 240'. Trees.

OHIO

DETROIT

L-30F

IAP

252

RWY 28: Thid dspicd 668'. Road. €3 AIRPORT REMARKS: Attended Mon-Sat 1400-2200Z±. Sun 1800-2300Z‡. ACTIVATE MIRL Rwy 10-28-CTAF. Drag strip on E end of rwy. ß COMMUNICATIONS: CTAF/UNICOM 122 8 R MANSFIELD APP/DEP CON 124.2 (1100-0400Z‡) C3 C3 (R) CLEVELAND CENTER APP/DEP CON 127.9. (0400-1100Z±) RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. SANDUSKY (L) VOR/DME 109.2 SKY Chan 29 N41°26.07' æ 4210 X 75 W82°39.29' 162° 12.3 NM to fld. 580/4W. €3 €3 Drag Strip

OHIO DUSTING CO INC (See PANDORA) OHIO UNIVERSITY SNYDER FLD (See ATHENS-ALBANY) OHIO STATE UNIVERSITY (See COLUMBUS)

OLD PORTAGE HELIPORT

(See AKRON)

ONIDA N39°34.70′ W84°19.41′ NOTAM FILE MGY. NDB (LOM) 223 MW 234° 4.4 NM to Middletown Rgnl/Hook Fld. Unmonitored.

OTTAWA

PUTNAM CO (OWX) 3 NE UTC-5(-4DT) N41°02.14' W83°58.92'

CINCINNATI 764 B S2 FUEL 100LL, JET A NOTAM FILE CLE RWY 09-27: H4427X65 (ASPH) MIRL RWY N9. RFII Road RWY 27: REIL, PAPI(P2L), Road.

DETROIT L-28J AIRPORT REMARKS: Attended Mon-Fri 1400-2200Z‡. For svcs after hrs call 419-456-3410. Parachute Jumping.

Rwv 09 REIL OTS indef. ACTIVATE MIRL Rwv 09-27 and REIL Rwv 09 and Rwv 27-CTAF.

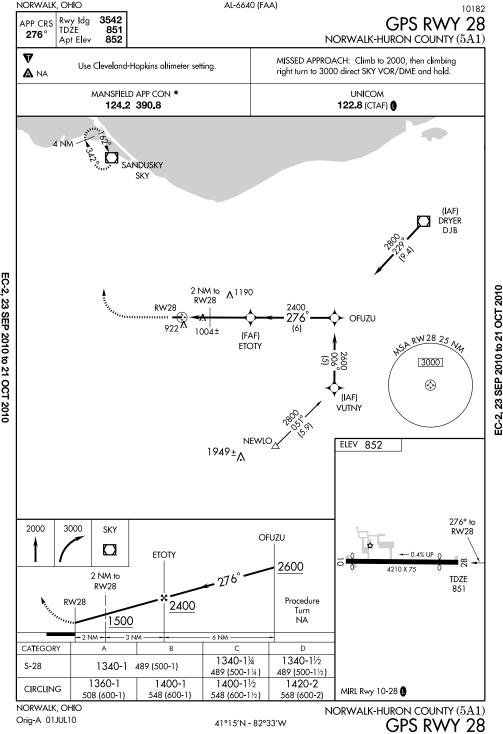
WEATHER DATA SOURCES: AWOS-3 120.525 (419) 523-4151.

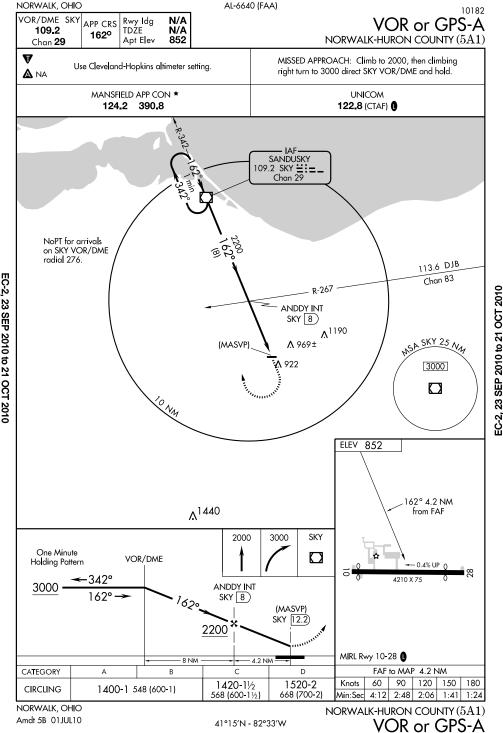
IAP Extensive glider ops. Intensive agricultural ops and crop dusting. PAEW invof ramp indef. Windsock OTS indef. COMMUNICATIONS: CTAF/UNICOM 122.7

(R) THEFON APP/DEP CON 120.8

RADIO AIDS TO NAVIGATION: NOTAM FILE FDY. FINDLAY (L) VORTAC 108.2 FDY Chan 19 N40°57.32′ W83°45.36′ 297° 11.3 NM to fld. 820/2W.

OXFORD N39°30.45′ W84°46.84′ CINCINNATI NOTAM FILE DAY. NDR (MHW) 282 OXD at Miami University NDR unmonitored 1-27F





252 OHIO NORWALK-HURON CO (5A1) 3 E UTC-5(-4DT) N41°14.69′ W82°33.07′ FUEL 100LL, JET A NOTAM FILE CLE 852 B S4 RWY 10-28: H4210X75 (ASPH) MIRL 0.4% up W RWY 10: Thid dspicd 240'. Trees.

DETROIT

L-30F

IAP RWY 28: Thid dspicd 668'. Road. €3 AIRPORT REMARKS: Attended Mon-Sat 1400-2200Z±. Sun 1800-2300Z‡. ACTIVATE MIRL Rwy 10-28-CTAF. Drag strip on E end of rwy. ß COMMUNICATIONS: CTAF/UNICOM 122 8 R MANSFIELD APP/DEP CON 124.2 (1100-0400Z‡) C3 C3 (R) CLEVELAND CENTER APP/DEP CON 127.9. (0400-1100Z±) RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. SANDUSKY (L) VOR/DME 109.2 SKY Chan 29 N41°26.07' æ 4210 X 75 W82°39.29' 162° 12.3 NM to fld. 580/4W. €3 €3 Drag Strip

OHIO DUSTING CO INC (See PANDORA) OHIO UNIVERSITY SNYDER FLD (See ATHENS-ALBANY)

OHIO STATE UNIVERSITY (See COLUMBUS)

OLD PORTAGE HELIPORT (See AKRON)

ONIDA N39°34.70′ W84°19.41′ NOTAM FILE MGY. CINCINNATI

NDB (LOM) 223 MW 234° 4.4 NM to Middletown Rgnl/Hook Fld. Unmonitored.

OTTAWA PUTNAM CO (OWX) 3 NE UTC-5(-4DT) N41°02.14' W83°58.92'

764 B S2 FUEL 100LL, JET A NOTAM FILE CLE

RWY 09-27: H4427X65 (ASPH) MIRL

RWY N9. RFII Road RWY 27: REIL, PAPI(P2L), Road.

AIRPORT REMARKS: Attended Mon-Fri 1400-2200Z‡. For svcs after hrs call 419-456-3410. Parachute Jumping.

DETROIT L-28J

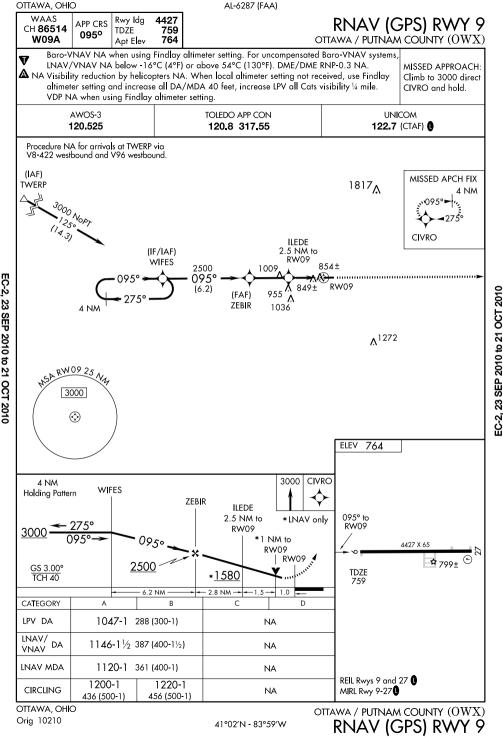
Rwv 09 REIL OTS indef. ACTIVATE MIRL Rwv 09-27 and REIL Rwv 09 and Rwv 27-CTAF.

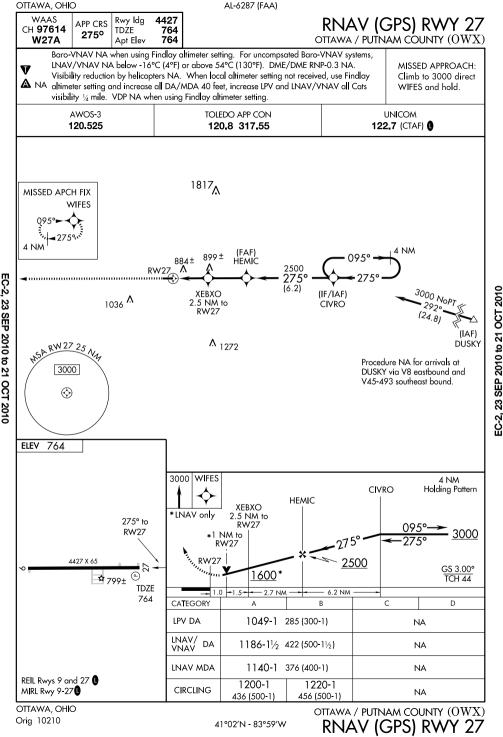
IAP Extensive glider ops. Intensive agricultural ops and crop dusting. PAEW invof ramp indef. Windsock OTS indef. WEATHER DATA SOURCES: AWOS-3 120.525 (419) 523-4151.

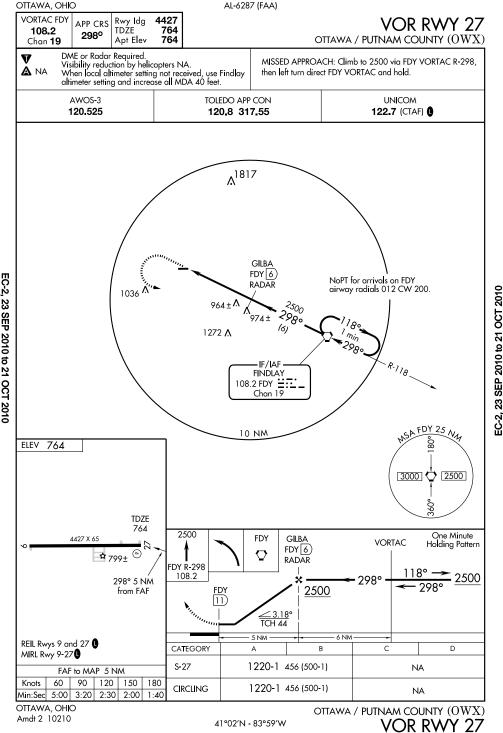
COMMUNICATIONS: CTAF/UNICOM 122.7 (R) THEFON APP/DEP CON 120.8 RADIO AIDS TO NAVIGATION: NOTAM FILE FDY.

FINDLAY (L) VORTAC 108.2 FDY Chan 19 N40°57.32′ W83°45.36′ 297° 11.3 NM to fld. 820/2W.

OXFORD N39°30.45′ W84°46.84′ CINCINNATI NOTAM FILE DAY. NDR (MHW) 282 OXD at Miami University NDR unmonitored 1-27F







OHIO 253 **NXFNRN** MIAMI UNIVERSITY (OXD) 2 W UTC-5(-4DT) N39°30.14′ W84°47.06′ CINCINNATI FUEL 100LL, JET A1+ NOTAM FILE DAY 1-27F RWY 05-23: H4011X70 (ASPH-GRVD) S-34, D-50 LIRL (NSTD) IAP RWY 05: REIL. PAPI(P2L)-GA 3.0° TCH 26'. Thid dsplcd 270'. Road. RWY 23: REIL, PAPI(P2L)-GA 3.0° TCH 28', Trees. AIRPORT REMARKS: Attended Sat-Sun 1400-2200Z±, Nov-Apr Mon-Fri 1300-2100Z±, May-Oct Mon-Fri 1300-0000Z‡, holidays irregularly. Fuel self svc avbl. Rwy 05 NSTD dsplcd thld lgts 190' from thld. PAEW 40' N of Rwy 05-23, NSTD MIRL Rwy 05-23 preset on low ints dusk-0200Z±: to increase ints and ACTIVATE REIL Rwy 05 and Rwy 23-122.9; after 0200Z‡ ACTIVATE NSTD MIRL Rwy 05-23 and REIL Rwy 05 and Rwy 23-122.9. WEATHER DATA SOURCES: AWOS-3 118.625 (513) 273-2032. Plus precipitation and thunderstorm. COMMUNICATIONS: CTAF/UNICOM 122.8 (R) CINCINNATI APP/DEP CON 121.0 RADIO AIDS TO NAVIGATION: NOTAM FILE HUF. RICHMOND (L) VORTAC 110.6 RID Chan 43 N39°45.30′ W84°50.33′ 173° 15.4 NM to fld. 1135/3W. OXFORD NDB (MHW) 282 OXD N39°30.45′ W84°46.84′ at fld. NOTAM FILE DAY. NDB unmonitored. PACKER (See RADNOR) PAINFSVILLE CONCORD AIRPARK (2G1)3 SE UTC-5(-4DT) N41°40.02' W81°11.83' DETROIT FIIFI 100LL NOTAM FILE CLE 1-30G RWY 02-20: H2181X38 (ASPH) S-12.5 LIRL 1.2% up SW. IAP RWY 02: Trees. RWY 20: Brush. AIRPORT REMARKS: Attended irregularly. Birds on and invof arpt. For local traffic only, for rwy lgts call 440-352-3228. Rwy 02-20 numbers small. COMMUNICATIONS: CTAF/UNICOM 122.8

PERRY CO

(See NEW LEXINGTON)

(R) CLEVELAND APP/DEP CON 125.35 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. CHARDON (H) VOR/DME 112.7 CXR Chan 74 N41°31.02′ W81°09.79′ 355° 9.1 NM to fld. 1310/5W. COMM/NAV/WEATHER REMARKS: For IFR clearance ctc Cleveland apch control at 216-898-2040.

CHARDON RCO 122.1R 112.7T (CLEVELAND RADIO)

PANDORA OHIO DUSTING CO INC (6C2) 1 NW UTC-5(-4DT) N40°57.15′ W83°58.93′ S2 FUEL 100LL NOTAM FILE CLE RWY 09-27: 3112X150 (TURF) RWY 09: Thid dspicd 720'. Trees. RWY 27: Thid dsplcd 490'. P-line. not marked. COMMUNICATIONS: CTAF 122.9

DETROIT

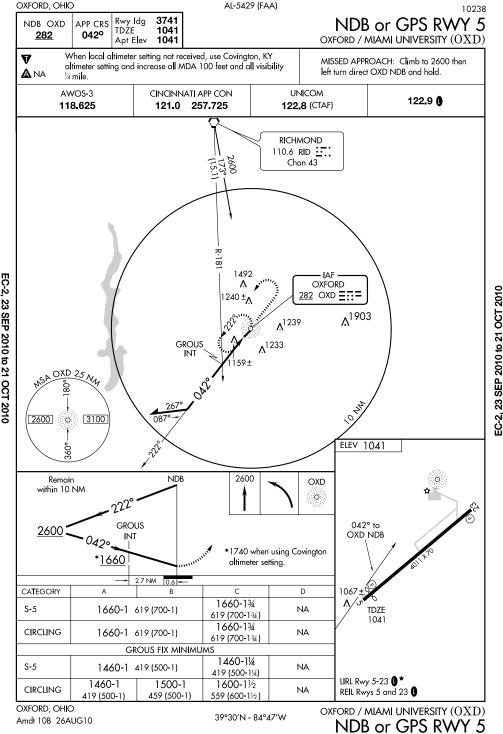
L-27E

AIRPORT REMARKS: Attended continuously. Rwy 27 p-line marked with orange balls. Rwy 09 and Rwy 27 dsplcd thld PARR (See ZANESVILLE) PARSONS (See CARROLLTON) PATTERSON N39°49.14′ W84°03.33′ NOTAM FILE FFO. CINCINNATI

(T) TACAN Chan 99 at Wright Patterson AFB. 804/4W. FFO (115.2) TACAN azimuth unusable: 295°-360° byd 10 NM blo 5,000'.

PAULDING AIRPORT INC (2H8) 2 NE UTC-5(-4DT) N41°10.09′ W84°33.41′ DETROIT TPA-1500(779) NOTAM FILE CLE

RWY 18-36: 2861X80 (TURF) LIRL (NSTD) RWY 36: Building. AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z‡. Arpt CLOSED indef. ACTIVATE LIRL Rwy 18-36—122.9. Rwy 18-36 NSTD LIRL; thid lgts incorrect color. COMMUNICATIONS: CTAF 122.9



OHIO 253 **NXFNRN** MIAMI UNIVERSITY (OXD) 2 W UTC-5(-4DT) N39°30.14′ W84°47.06′ CINCINNATI FUEL 100LL, JET A1+ NOTAM FILE DAY 1-27F RWY 05-23: H4011X70 (ASPH-GRVD) S-34, D-50 LIRL (NSTD) IAP RWY 05: REIL. PAPI(P2L)-GA 3.0° TCH 26'. Thid dsplcd 270'. Road. RWY 23: REIL, PAPI(P2L)-GA 3.0° TCH 28', Trees. AIRPORT REMARKS: Attended Sat-Sun 1400-2200Z±, Nov-Apr Mon-Fri 1300-2100Z±, May-Oct Mon-Fri 1300-0000Z‡, holidays irregularly. Fuel self svc avbl. Rwy 05 NSTD dsplcd thld lgts 190' from thld. PAEW 40' N of Rwy 05-23, NSTD MIRL Rwy 05-23 preset on low ints dusk-0200Z±: to increase ints and ACTIVATE REIL Rwy 05 and Rwy 23-122.9; after 0200Z‡ ACTIVATE NSTD MIRL Rwy 05-23 and REIL Rwy 05 and Rwy 23-122.9. WEATHER DATA SOURCES: AWOS-3 118.625 (513) 273-2032. Plus precipitation and thunderstorm. COMMUNICATIONS: CTAF/UNICOM 122.8 (R) CINCINNATI APP/DEP CON 121.0 RADIO AIDS TO NAVIGATION: NOTAM FILE HUF. RICHMOND (L) VORTAC 110.6 RID Chan 43 N39°45.30′ W84°50.33′ 173° 15.4 NM to fld. 1135/3W. OXFORD NDB (MHW) 282 OXD N39°30.45′ W84°46.84′ at fld. NOTAM FILE DAY. NDB unmonitored. PACKER (See RADNOR) PAINFSVILLE CONCORD AIRPARK (2G1)3 SE UTC-5(-4DT) N41°40.02' W81°11.83' DETROIT FIIFI 100LL NOTAM FILE CLE 1-30G RWY 02-20: H2181X38 (ASPH) S-12.5 LIRL 1.2% up SW. IAP RWY 02: Trees. RWY 20: Brush. AIRPORT REMARKS: Attended irregularly. Birds on and invof arpt. For local traffic only, for rwy lgts call 440-352-3228. Rwy 02-20 numbers small. COMMUNICATIONS: CTAF/UNICOM 122.8

PERRY CO

(See NEW LEXINGTON)

(R) CLEVELAND APP/DEP CON 125.35 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. CHARDON (H) VOR/DME 112.7 CXR Chan 74 N41°31.02′ W81°09.79′ 355° 9.1 NM to fld. 1310/5W. COMM/NAV/WEATHER REMARKS: For IFR clearance ctc Cleveland apch control at 216-898-2040.

CHARDON RCO 122.1R 112.7T (CLEVELAND RADIO)

PANDORA OHIO DUSTING CO INC (6C2) 1 NW UTC-5(-4DT) N40°57.15′ W83°58.93′ S2 FUEL 100LL NOTAM FILE CLE RWY 09-27: 3112X150 (TURF) RWY 09: Thid dspicd 720'. Trees. RWY 27: Thid dsplcd 490'. P-line. not marked. COMMUNICATIONS: CTAF 122.9

DETROIT

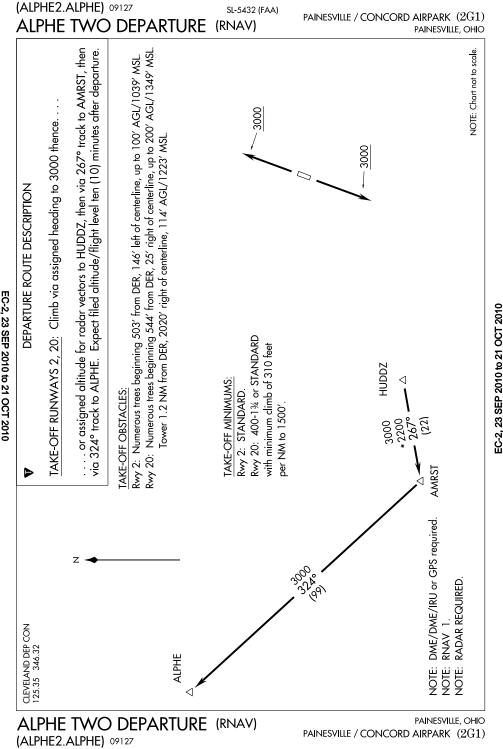
L-27E

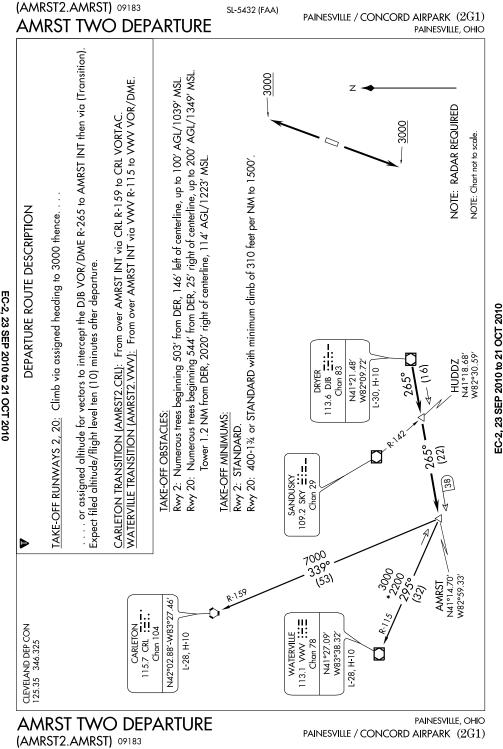
AIRPORT REMARKS: Attended continuously. Rwy 27 p-line marked with orange balls. Rwy 09 and Rwy 27 dsplcd thld PARR (See ZANESVILLE) PARSONS (See CARROLLTON) PATTERSON N39°49.14′ W84°03.33′ NOTAM FILE FFO. CINCINNATI

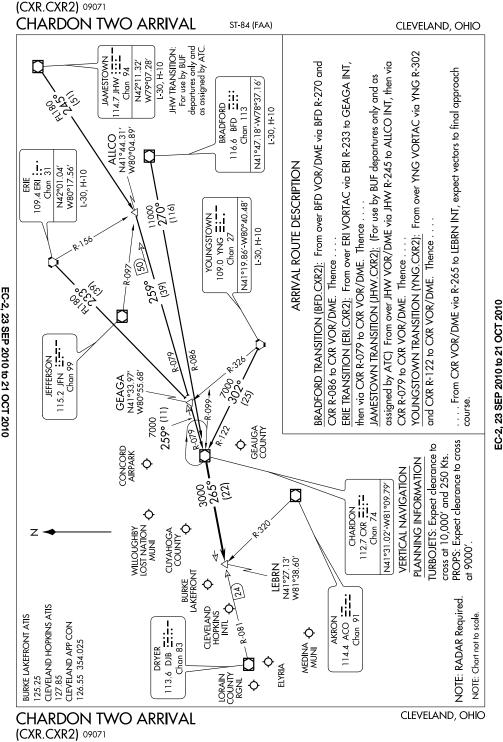
(T) TACAN Chan 99 at Wright Patterson AFB. 804/4W. FFO (115.2) TACAN azimuth unusable: 295°-360° byd 10 NM blo 5,000'.

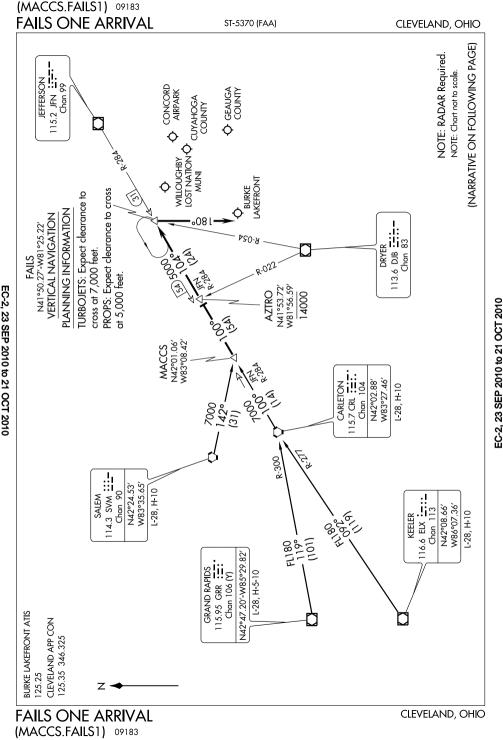
PAULDING AIRPORT INC (2H8) 2 NE UTC-5(-4DT) N41°10.09′ W84°33.41′ DETROIT TPA-1500(779) NOTAM FILE CLE

RWY 18-36: 2861X80 (TURF) LIRL (NSTD) RWY 36: Building. AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z‡. Arpt CLOSED indef. ACTIVATE LIRL Rwy 18-36—122.9. Rwy 18-36 NSTD LIRL; thid lgts incorrect color. COMMUNICATIONS: CTAF 122.9









ARRIVAL ROUTE DESCRIPTION

<u>CARLETON TRANSITION (CRL.FAILS1)</u>: From over CRL VORTAC via CRL R-100 and JFN R-284 to MACCS INT. Thence. . . .

JEIN K-204 IO MACCO IINT. Therice. . .

GRAND RAPIDS TRANSITION (GRR.FAILS1): From over GRR VOR/DME via GRR R-119 and CRL R-300 to CRL VORTAC, then via CRL R-100 and JFN R-284 to MACCS INT. Thence. . . .

KEELED T

KEELER TRANSITION (ELX.FAILS1): From over ELX VOR/DME via ELX R-092 and CRL R-277 to CRL VORTAC, then via CRL R-100 and JFN R-284 to MACCS INT.

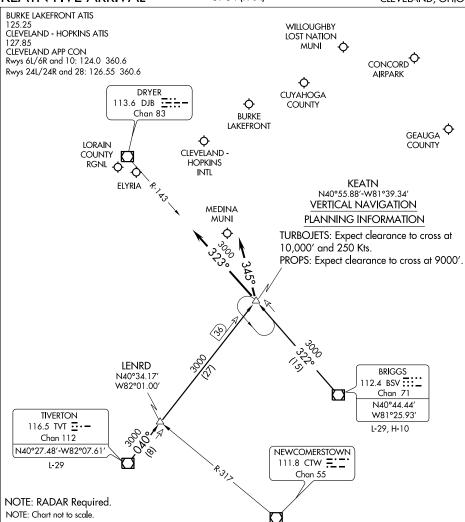
Thence. . . .

SALEM TRANSITION (SVM.FAILS1): From over SVM VORTAC via heading 142° to MACCS INT. Thence. . . .

. . . . From over MACCS INT, via CRL VORTAC R-100 to AZTRO INT, then via

JFN VOR/DME R-284 to FAILS INT. From FAILS fly heading 180°.

Expect radar vectors to final approach course.



ARRIVAL ROUTE DESCRIPTION

BRIGGS TRANSITION (BSV.KEATN5): From over BSV VOR/DME via BSV R-322 to KEATN INT.

TIVERTON TRANSITION (TVT.KEATNS): From over TVT VOR/DME via TVT R-040 to KEATN INT.

Thence. . . .

EC-2, 23 SEP 2010 to 21 OCT 2010

LANDING CLE RWY 24L/R and 28: Depart KEATN INT heading 345°. Expect radar vectors to

final approach course.

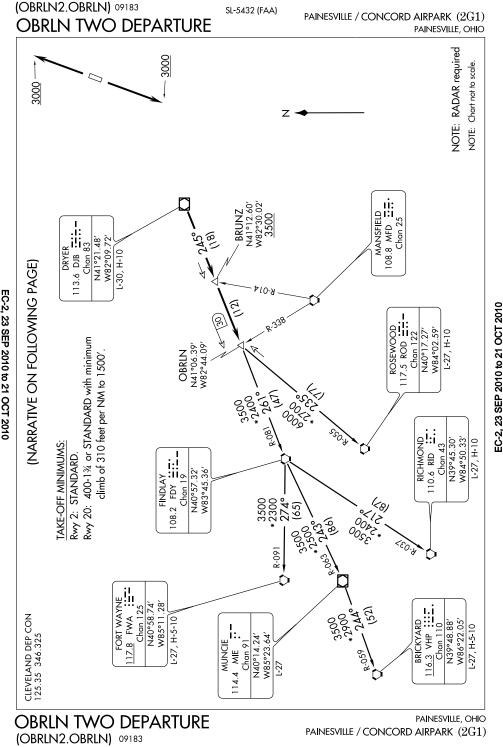
LANDING CLE RWY 6L/R and 10: . . . Depart KEATN INT via DJB R-143 to DJB VOR/DME.

Expect radar vectors to final approach course.

LANDING ALL OTHER AIRPORTS: From KEATN INT expect radar vectors to final approach course.

KEATN FIVE ARRIVAL (KEATN.KEATN5) 10266

CLEVELAND, OHIO



EC-2.

PAINESVILLE, OHIO

DEPARTURE ROUTE DESCRIPTION

V

TAKE-OFF RUNWAYS 2, 20: Climb via assigned heading to 3000, thence. . . .

. . . . or assigned altitude for vectors to intercept DJB VOR/DME R-245, cross BRUNZ INT at or above 3500 then proceed to OBRLN INT then via (transition). Expect filed

altitude/flight level ten (10) minutes after departure.

BRICKYARD TRANSITION (OBRLN2.VHP): From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-243 and MIE R-063 to MIE VOR/DME, then via MIE R-244 and VHP R-059 to VHP VORTAC.

FORT WAYNE TRANSITION (OBRLN2.FWA): (For use by Fort Wayne arrivals only and ATC use as assigned.) From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-274 and FWA R-091 to FWA VORTAC.

MUNCIE TRANSITION (OBRLN2.MIE): (For use by Indianapolis arrivals only and ATC use as assigned). From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-243 and

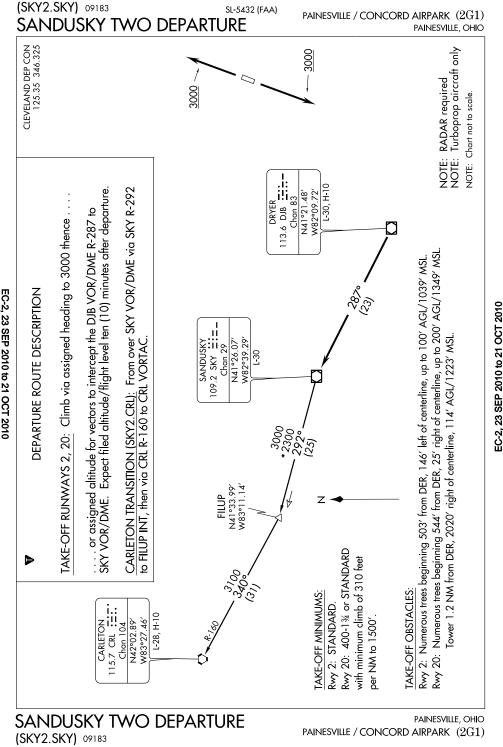
MIE R-063 to MIE VOR/DME. RICHMOND TRANSITION (OBRLN2.RID): From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-217 and RID R-037 to RID VORTAC.

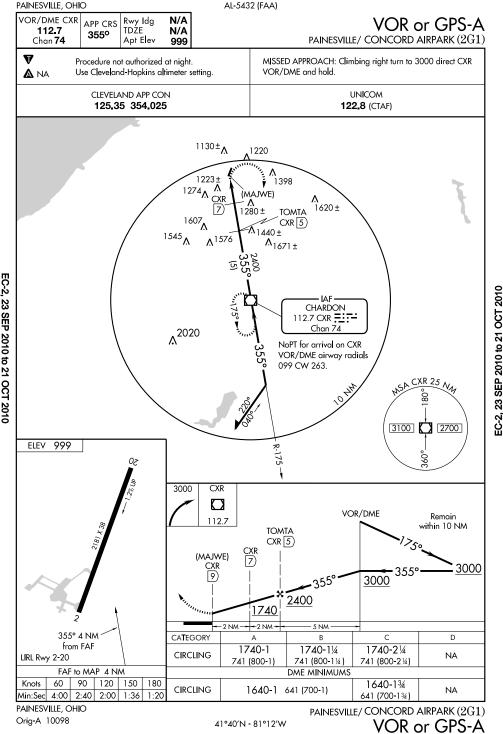
ROSEWOOD TRANSITION (OBRLN2.ROD): (For use at or below FL220 only and ATC use as assigned). From over OBRLN INT via ROD R-055 to ROD VORTAC.

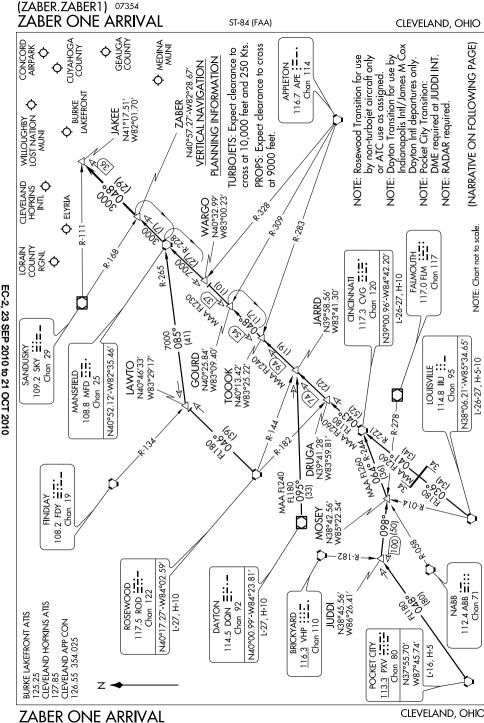
EC-2, 23 SEP 2010 to 21 OCT 2010

TAKE-OFF OBSTACLES:

Rwy 2: Numerous trees beginning 503' from DER, 146' left of centerline, up to 100' AGL/1039' MSL. Rwy 20: Numerous trees beginning 544' from DER, 25' right of centerline, up to 200' AGL/1349' MSL. Tower 1.2 NM from DER, 2020' right of centerline, 114' AGL/1223' MSL.







ARRIVAL ROUTE DESCRIPTION

CINCINNATI TRANSITION (CVG.ZABER1): From over CVG VORTAC via CVG R-043 to TOOOK INT, then via MFD R-228 to MFD VORTAC, then via MFD R-048 to ZABER INT.

Thence

EC-2, 23 SEP 2010 to 21 OCT 2010

DAYTON TRANSITION (DQN.ZABER1): (For use by INDIANAPOLIS INTL/JAMES M COX DAYTON INTL departures only). From over DQN VOR/DME via DQN R-095 to JARRD INT, then via CVG R-043 to TOOOK INT, then via MFD R-228 to MFD VORTAC, then via

MFD R-048 to ZABER INT. Thence. . . .

LOUISVILLE TRANSITION (IIU.ZABER1): From over IIU VORTAC via IIU R-036 and CVG R-221 to CVG VORTAC, then via CVG R-043 to TOOOK INT, then via MFD R-228 to

MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . . POCKET CITY TRANSITION (PXV.ZABER1): (DME REQUIRED at JUDDI INT) From over

PXV VORTAC via PXV R-048 to JUDDI INT, then via FLM R-278 to MOSEY INT, then via

CVG R-244 to CVG VORTAC, then via CVG R-043 to TOOOK INT, then via MFD R-228 to MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . .

ROSEWOOD TRANSITION (ROD.ZABER1): (For use by non-turbo aircraft only or ATC use

as assigned). From over ROD VORTAC via ROD R-046 to LAWTO INT, then via MFD R-265

to MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . .

. . . . From over ZABER INT via MFD R-048 to JAKEE INT. Expect radar vectors to final approach course.

254 UHIO PHILLIPSBURG (317) 0 N UTC-5(-4DT) N39°54.80′ W84°24.03′ CINCINNATI 1031 В S4 FUEL 100LL NOTAM FILE DAY L-27E RWY 03-21: H3000X40 (ASPH) LIRL RWY 03: REIL. Thid dspicd 130'. Tree. RWY 21: REIL. Trees.

IAP

CINCINNATI

IAP

IAP

L-22E

AIRPORT REMARKS: Attended 1400-2300Z‡. Arpt CLOSED to helicopter training. Do not fly over school 2100' S of arpt in line with rwy. Rwy 03-21 2416' Igtd between dsplcd thlds only. COMMUNICATIONS: CTAF/UNICOM 122.7 (R) DAYTON APP CON 134.45 (181°-359°) R DAYTON DEP CON 134.45 (181°-359°) 118.0 RADIO AIDS TO NAVIGATION: NOTAM FILE DAY. DAYTON (L) VOR/DME 114.5 DON Chan 92 N40°00.99' W84°23.81' 183° 6.2 NM to fld. 990/1W. HIWAS.

PICKAWAY CO MEM (See CIRCLEVILLE) NOTAM FILE LCK.

PICKL N39°52.86′ W82°50.17′. NDB (LOM) 376 LC 231° 5.9 NM to Rickenbacker Intl. PIKE CO (See WAVERLY)

PIQUA AIRPORT-HARTZELL FLD (117)3 NW UTC-5(-4DT) N40°09.88' W84°18.51' DETROIT L-27E FUEL 100LL, JET A1+ NOTAM FILE DAY RWY 08-26: H3997X75 (ASPH) S-30. D-36 MIRL RWY 08: REIL. Tree. RWY 26: REIL. Tree.

AIRPORT REMARKS: Attended 1300-2200Z‡. Fuel avbl 24 hrs—credit card. Propeller repairs avbl. Aerobatic box lctd within 1 NM radius of arpt surface to 4500' MSL SR-SS. ACTIVATE MIRL Rwy 08-26 and REIL Rwy 08 and Rwy 26-CTAF. COMMUNICATIONS: CTAF/UNICOM 123.0

ROSEWOOD RCO 122.1R. 117.5T (DAYTON RADIO) R DAYTON APP/DEP CON 118.425 (360°-090°) 134.45 (181°-359°) RADIO AIDS TO NAVIGATION: NOTAM FILE DAY.

DAYTON (L) VOR/DME 114.5 DON Chan 92 N40°00.99' W84°23.81' 026° 9.8 NM to fld. 990/1W. HIWAS. ROSEWOOD (H) VORTAC 117.5 ROD Chan 122 N40°17.27′ W84°02.59′ 244° 14.3 NM to fld. 1080/5W. PORTAGE CO (See RAVENNA)

PORT BUCYRUS-CRAWFORD CO (See BUCYRUS)

PORT CLINTON N41°31.12′ W82°52.12′ NOTAM FILE CLE. DETROIT NDB (MHW) 423 PCW at Carl R Keller Fld. L-30F

PORT CLINTON CARL R KELLER FLD (PCW) 3 E UTC-5(-4DT) N41°30.98′ W82°52.17′

DETROIT FUEL 100LL, JET A NOTAM FILE CLE H-10G, L-30F RWY 09-27: H5646X100 (ASPH) S-16, RWY 09: REIL. PAPI(P4L)—GA 3.5° TCH 31'. Trees.

RWY 27: REIL. PAPI(P4L)—GA 4° TCH 28'. Thid dspicd 201'. Trees. RWY 18-36: H4001X75 (ASPH) MIRL

RWY 18: Trees. RWY 36: Road. AIRPORT REMARKS: Attended 1300-2300Z‡. ACTIVATE MIRL Rwy 09-27 and Rwy 18-36; REIL Rwy 09 and Rwy 27; PAPI Rwy 09 and Rwy 27-CTAF.

WEATHER DATA SOURCES: AWOS-3 118.775 (419) 734-9955 COMMUNICATIONS: CTAF/UNICOM 122.8

SANDUSKY RCO 122.1R 109.2T (CLEVELAND RADIO)

CLEVELAND APP/DEP CON 126.35 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

SANDUSKY (L) VOR/DME 109.2 SKY Chan 29 N41°26.07′ W82°39.29′ 301° 10.9 NM to fld. 580/4W. PORT CLINTON NDB (MHW) 423 PCW N41°31.12′ W82°52.12′ COMM/NAV/WEATHER REMARKS: AWOS-3 ceiling unreliable.

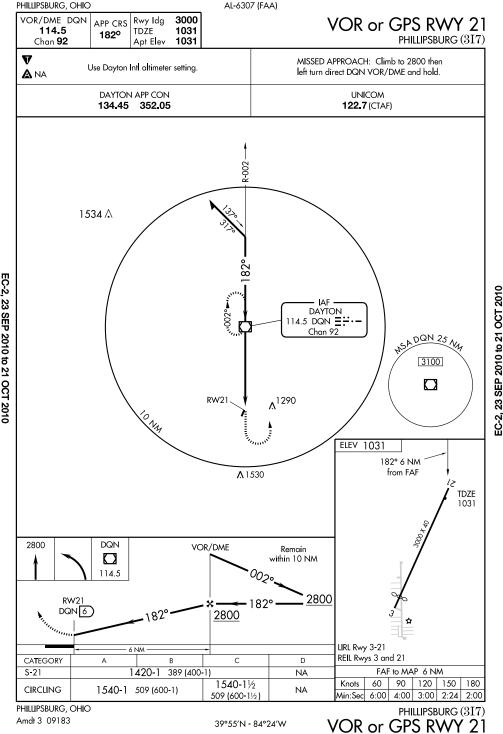
PORT COLUMBUS INTL (See COLUMBUS)

002° 3.5 NM to Greater Portsmouth Rgnl. VFR only.

NDB (MHW) 373

PMH

PORTSMOUTH N38°46.91′ W82°50.67′ NOTAM FILE DAY. CINCINNATI



254 UHIO PHILLIPSBURG (317) 0 N UTC-5(-4DT) N39°54.80′ W84°24.03′ CINCINNATI 1031 В S4 FUEL 100LL NOTAM FILE DAY L-27E RWY 03-21: H3000X40 (ASPH) LIRL RWY 03: REIL. Thid dspicd 130'. Tree. RWY 21: REIL. Trees.

IAP

CINCINNATI

IAP

IAP

L-22E

AIRPORT REMARKS: Attended 1400-2300Z‡. Arpt CLOSED to helicopter training. Do not fly over school 2100' S of arpt in line with rwy. Rwy 03-21 2416' Igtd between dsplcd thlds only. COMMUNICATIONS: CTAF/UNICOM 122.7 (R) DAYTON APP CON 134.45 (181°-359°) R DAYTON DEP CON 134.45 (181°-359°) 118.0 RADIO AIDS TO NAVIGATION: NOTAM FILE DAY. DAYTON (L) VOR/DME 114.5 DON Chan 92 N40°00.99' W84°23.81' 183° 6.2 NM to fld. 990/1W. HIWAS.

PICKAWAY CO MEM (See CIRCLEVILLE) NOTAM FILE LCK.

PICKL N39°52.86′ W82°50.17′. NDB (LOM) 376 LC 231° 5.9 NM to Rickenbacker Intl. PIKE CO (See WAVERLY)

PIQUA AIRPORT-HARTZELL FLD (117)3 NW UTC-5(-4DT) N40°09.88' W84°18.51' DETROIT L-27E FUEL 100LL, JET A1+ NOTAM FILE DAY RWY 08-26: H3997X75 (ASPH) S-30. D-36 MIRL RWY 08: REIL. Tree. RWY 26: REIL. Tree.

AIRPORT REMARKS: Attended 1300-2200Z‡. Fuel avbl 24 hrs—credit card. Propeller repairs avbl. Aerobatic box lctd within 1 NM radius of arpt surface to 4500' MSL SR-SS. ACTIVATE MIRL Rwy 08-26 and REIL Rwy 08 and Rwy 26-CTAF. COMMUNICATIONS: CTAF/UNICOM 123.0

ROSEWOOD RCO 122.1R. 117.5T (DAYTON RADIO) R DAYTON APP/DEP CON 118.425 (360°-090°) 134.45 (181°-359°) RADIO AIDS TO NAVIGATION: NOTAM FILE DAY.

DAYTON (L) VOR/DME 114.5 DON Chan 92 N40°00.99' W84°23.81' 026° 9.8 NM to fld. 990/1W. HIWAS. ROSEWOOD (H) VORTAC 117.5 ROD Chan 122 N40°17.27′ W84°02.59′ 244° 14.3 NM to fld. 1080/5W. PORTAGE CO (See RAVENNA)

PORT BUCYRUS-CRAWFORD CO (See BUCYRUS)

PORT CLINTON N41°31.12′ W82°52.12′ NOTAM FILE CLE. DETROIT NDB (MHW) 423 PCW at Carl R Keller Fld. L-30F

PORT CLINTON CARL R KELLER FLD (PCW) 3 E UTC-5(-4DT) N41°30.98′ W82°52.17′

DETROIT FUEL 100LL, JET A NOTAM FILE CLE H-10G, L-30F RWY 09-27: H5646X100 (ASPH) S-16, RWY 09: REIL. PAPI(P4L)—GA 3.5° TCH 31'. Trees.

RWY 27: REIL. PAPI(P4L)—GA 4° TCH 28'. Thid dspicd 201'. Trees. RWY 18-36: H4001X75 (ASPH) MIRL

RWY 18: Trees. RWY 36: Road. AIRPORT REMARKS: Attended 1300-2300Z‡. ACTIVATE MIRL Rwy 09-27 and Rwy 18-36; REIL Rwy 09 and Rwy 27; PAPI Rwy 09 and Rwy 27-CTAF.

WEATHER DATA SOURCES: AWOS-3 118.775 (419) 734-9955 COMMUNICATIONS: CTAF/UNICOM 122.8

SANDUSKY RCO 122.1R 109.2T (CLEVELAND RADIO)

CLEVELAND APP/DEP CON 126.35 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

SANDUSKY (L) VOR/DME 109.2 SKY Chan 29 N41°26.07′ W82°39.29′ 301° 10.9 NM to fld. 580/4W. PORT CLINTON NDB (MHW) 423 PCW N41°31.12′ W82°52.12′ COMM/NAV/WEATHER REMARKS: AWOS-3 ceiling unreliable.

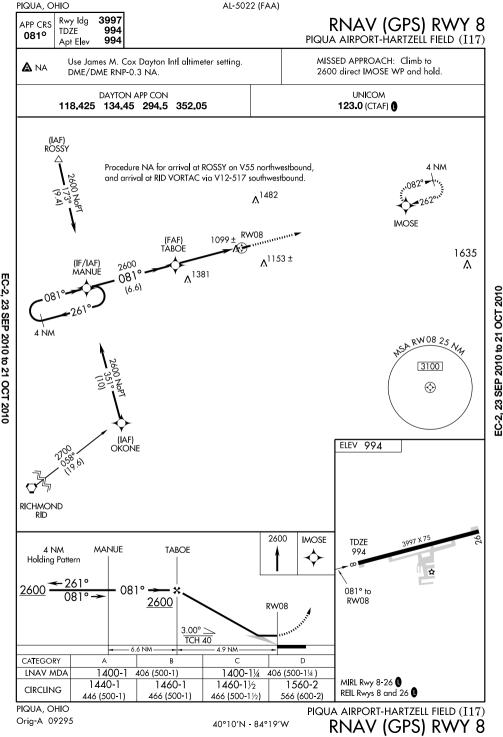
PORT COLUMBUS INTL (See COLUMBUS)

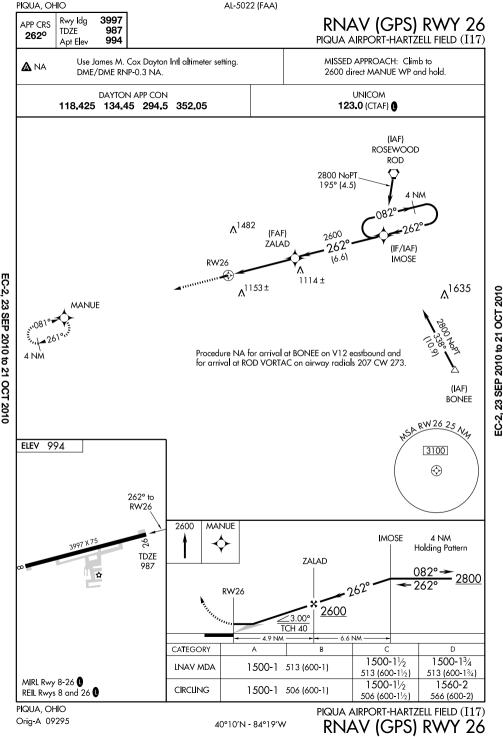
002° 3.5 NM to Greater Portsmouth Rgnl. VFR only.

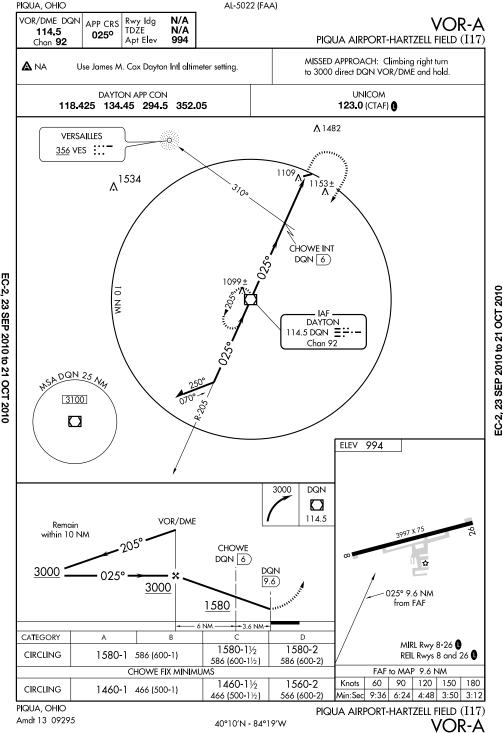
NDB (MHW) 373

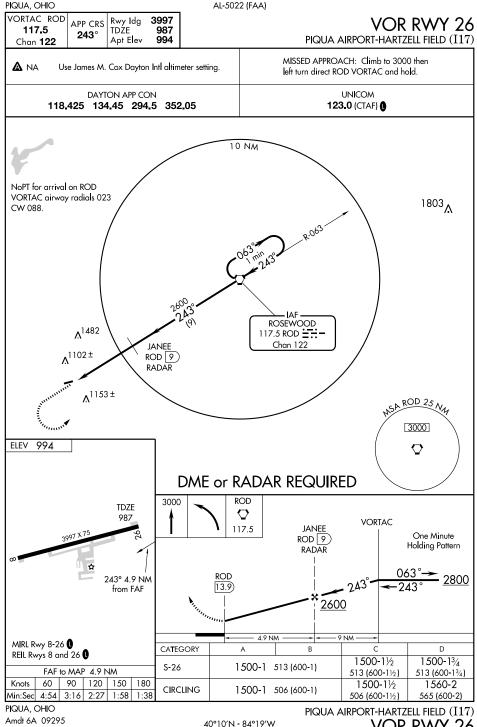
PMH

PORTSMOUTH N38°46.91′ W82°50.67′ NOTAM FILE DAY. CINCINNATI









EC-2, 23 SEP 2010 to 21 OCT 2010

254 PHILLIPSBURG (317) 0 N UTC-5(-4DT) N39°54.80′ W84°24.03′ CINCINNATI 1031 В S4 FUEL 100LL NOTAM FILE DAY RWY 03-21: H3000X40 (ASPH) LIRL

RWY 21: REIL. Trees.

RWY 03: REIL. Thid dspicd 130'. Tree.

L-27E

IAP

IAP

L-22E

UHIO

AIRPORT REMARKS: Attended 1400-2300Z‡. Arpt CLOSED to helicopter training. Do not fly over school 2100' S of arpt in line with rwy. Rwy 03-21 2416' Igtd between dsplcd thlds only. COMMUNICATIONS: CTAF/UNICOM 122.7 (R) DAYTON APP CON 134.45 (181°-359°) R DAYTON DEP CON 134.45 (181°-359°) 118.0 RADIO AIDS TO NAVIGATION: NOTAM FILE DAY. DAYTON (L) VOR/DME 114.5 DON Chan 92 N40°00.99' W84°23.81' 183° 6.2 NM to fld. 990/1W. HIWAS. PICKAWAY CO MEM (See CIRCLEVILLE) **PICKL** N39°52.86′ W82°50.17′. NOTAM FILE LCK. CINCINNATI NDB (LOM) 376 LC 231° 5.9 NM to Rickenbacker Intl. PIKE CO (See WAVERLY) PIQUA AIRPORT-HARTZELL FLD (117)3 NW UTC-5(-4DT) N40°09.88' W84°18.51' DETROIT L-27E FUEL 100LL, JET A1+ NOTAM FILE DAY IAP

RWY 08-26: H3997X75 (ASPH) S-30. D-36 MIRL RWY 08: REIL. Tree. RWY 26: REIL. Tree. AIRPORT REMARKS: Attended 1300-2200Z‡. Fuel avbl 24 hrs—credit card. Propeller repairs avbl. Aerobatic box lctd within 1 NM radius of arpt surface to 4500' MSL SR-SS. ACTIVATE MIRL Rwy 08-26 and REIL Rwy 08 and Rwy 26-CTAF. COMMUNICATIONS: CTAF/UNICOM 123.0

ROSEWOOD RCO 122.1R. 117.5T (DAYTON RADIO) R DAYTON APP/DEP CON 118.425 (360°-090°) 134.45 (181°-359°) RADIO AIDS TO NAVIGATION: NOTAM FILE DAY.

DAYTON (L) VOR/DME 114.5 DON Chan 92 N40°00.99' W84°23.81' 026° 9.8 NM to fld. 990/1W. HIWAS. ROSEWOOD (H) VORTAC 117.5 ROD Chan 122 N40°17.27′ W84°02.59′ 244° 14.3 NM to fld. 1080/5W. PORTAGE CO (See RAVENNA)

PORT BUCYRUS-CRAWFORD CO (See BUCYRUS) PORT CLINTON N41°31.12′ W82°52.12′ NOTAM FILE CLE.

DETROIT NDB (MHW) 423 PCW at Carl R Keller Fld. L-30F PORT CLINTON

CARL R KELLER FLD (PCW) 3 E UTC-5(-4DT) N41°30.98′ W82°52.17′ DETROIT FUEL 100LL, JET A NOTAM FILE CLE H-10G, L-30F

RWY 09-27: H5646X100 (ASPH) S-16, RWY 09: REIL. PAPI(P4L)—GA 3.5° TCH 31'. Trees. RWY 27: REIL. PAPI(P4L)—GA 4° TCH 28'. Thid dspicd 201'. Trees. RWY 18-36: H4001X75 (ASPH) MIRL

RWY 18: Trees. RWY 36: Road. AIRPORT REMARKS: Attended 1300-2300Z‡. ACTIVATE MIRL Rwy 09-27 and Rwy 18-36; REIL Rwy 09 and Rwy 27;

PAPI Rwy 09 and Rwy 27-CTAF.

WEATHER DATA SOURCES: AWOS-3 118.775 (419) 734-9955 COMMUNICATIONS: CTAF/UNICOM 122.8

SANDUSKY RCO 122.1R 109.2T (CLEVELAND RADIO) CLEVELAND APP/DEP CON 126.35

RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. SANDUSKY (L) VOR/DME 109.2 SKY Chan 29 N41°26.07′ W82°39.29′ 301° 10.9 NM to fld. 580/4W.

PORT CLINTON NDB (MHW) 423 PCW N41°31.12′ W82°52.12′ COMM/NAV/WEATHER REMARKS: AWOS-3 ceiling unreliable.

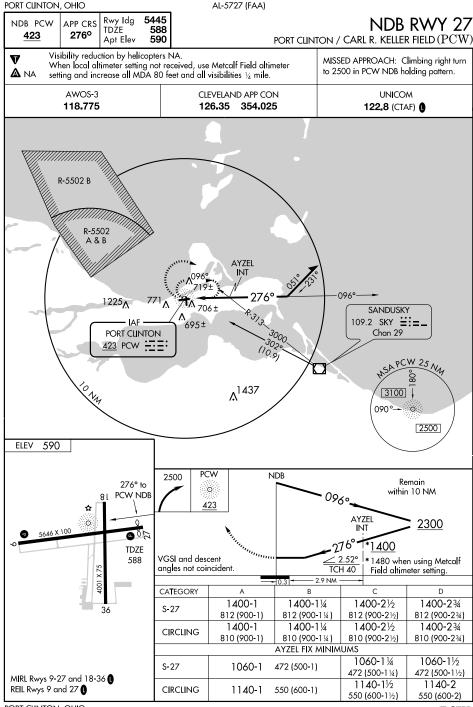
PORT COLUMBUS INTL (See COLUMBUS)

002° 3.5 NM to Greater Portsmouth Rgnl. VFR only.

NDB (MHW) 373

PMH

PORTSMOUTH N38°46.91′ W82°50.67′ NOTAM FILE DAY. CINCINNATI

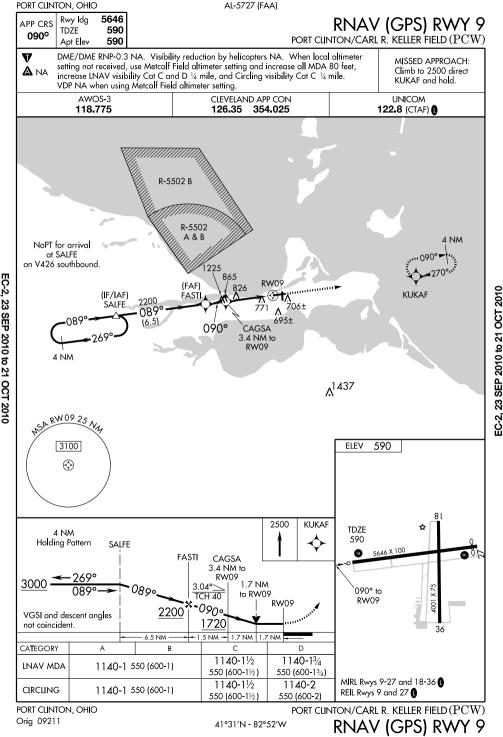


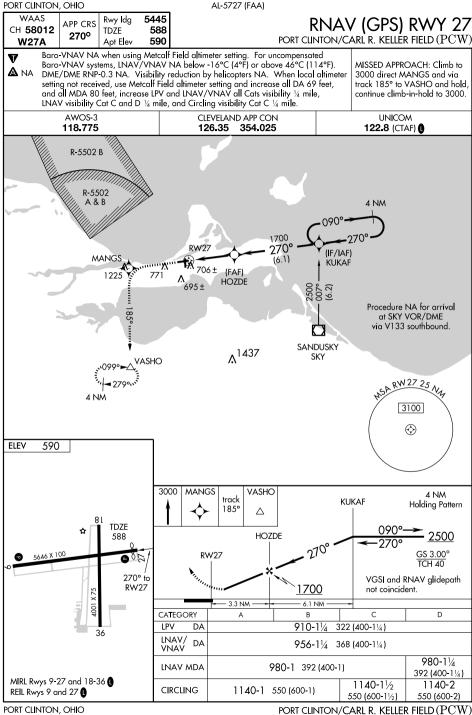
PORT CLINTON, OHIO Amdt 13A 09239

EC-2, 23 SEP 2010 to 21 OCT 2010

PORT CLINTON / CARL R. KELLER FIELD (PCW)

NDB RW

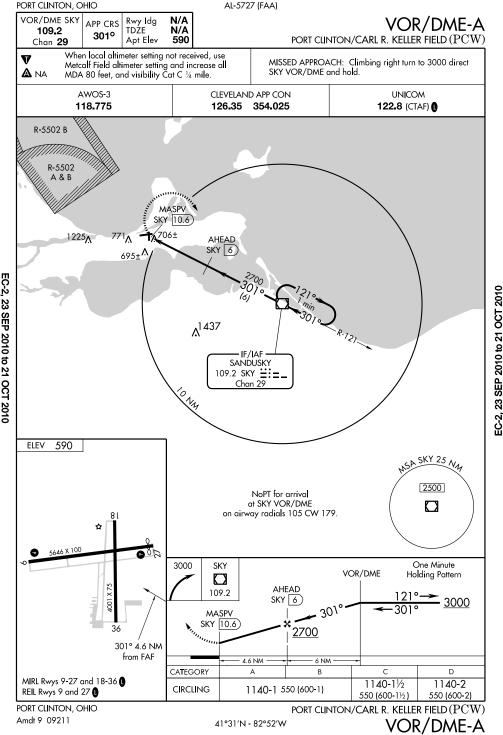




PORT CLINTON, OHI Orig 09211

EC-2, 23 SEP 2010 to 21 OCT 2010

PORT CLINION/CARL R. KELLER FIELD (PC W



OHIO 255 PORTSMOUTH GREATER PORTSMOUTH RGNL (PMH) 10 NE UTC-5(-4DT)CINCINNATI N38°50.43' W82°50.84' H-10G, L-26G 663 B S4 FUEL 100LL, JET A1+ NOTAM FILE DAY IAP RWY 18-36: H5001X100 (ASPH) S-30, D-42, 2D-70 MIRL œ RWY 18: REIL. PAPI(P4L) TCH 26'. Trees.

30 RWY 36: REIL, PAPI(P4L) TCH 31', Tree, [©] ⊗ 81 AIRPORT REMARKS: Attended Apr-Dec 1300-0100Z‡, Jan-Mar 1300-0000Z±, Hill obstruction lgts 460' aby arpt (1124' MSL) 1 a (d) mile S and 410' aby arpt (1074' MSL) 1/2 mile NW. Acft not visible €3 from one rwy end to another or no line of sight between rwy ends. 0 0 0 Rwy 36 REIL OTS indef. Ldg fee for commercial acft waived with fuel purchase, ACTIVATE MIRL Rwv 18-36; REIL Rwvs 18 and GGG 36-CTAF. WEATHER DATA SOURCES: AWOS-3 125.175 (740) 820-2500. હહું હુ COMMUNICATIONS: CTAF/UNICOM 122.8 aa_aa (R) HUNTINGTON APP/DEP CON 128.4 ര്^ര ദ €3 RADIO AIDS TO NAVIGATION: NOTAM FILE LOU. 000 YORK (L) VORTAC 112.8 YRK Chan 75 N38°38.65' લે લે €3 €3 ß

C3^{C3} W82°58.70' 033° 13.3 NM to fld. 1040/5W. ~ G G (3 C) **(3** €3 PORTSMOUTH NDB (MHW) 373 PMH N38°46.91' W82°50.67' G G G G 002° 3.5 NM to fld. NOTAM FILE DAY. VFR only. G G **PUT IN BAY** (3W2) 1 SW UTC-5(-4DT) N41°38.20′ W82°49.70′ 505 NOTAM FILE CLE RWY 03-21: H2870X75 (ASPH) RWY 03: Thid dsplcd 452'. Trees. Rgt tfc. RWY 21: Thid dspicd 657'. Trees.

DETROIT AIRPORT REMARKS: Attended May-Sept 1300-0100Z±, Oct-Apr 1230-2230Z±, Acft ops prohibited dusk-dawn. Expect moderate turbulence on departure and approach when wind exceeds 10 knots. Acft Indg Rwy 21 or departing Rwy 03 stay 1000' clear of Perry's Monument 352' AGL/942' MSL 11/2 miles NE of arpt. No touch and go ldg; no student training. Parking/ramp fees are collected for all private or commercial acft. All pilots are required to check into the arpt office at the time of arrival. No tiedown ropes provided; please bring your own set. All acft

are required to shut down engine(s) prior to enplaning/deplaning passengers.

RWY 27: Trees.

NOTAM FILE CLE

Chan 91 N41°06.47' W81°12.09'

PUTNAM CO (See OTTAWA)

RADNOR

PACKER 3 NW

S4

COMMUNICATIONS: CTAF/UNICOM 122.8

FUEL 100LL TPA-1818(900) RWY 09-27: 3470X90 (TURF)

RWY 09: Thid dspicd 120'. Road.

AIRPORT REMARKS: Attended continuously. Rwy 09-27 marked by cones. COMMUNICATIONS: CTAF 122.9

RAVENNA PORTAGE CO (29G) 3 N S4 1197 R

FUEL 100LL, JET A RWY 09-27: H3500X75 (ASPH) RWY 09: REIL. Trees.

MIRL RWY 27: REIL. PAPI(P4L). Trees.

AKRON (L) VOR/DME 114.4

READER-BOTSFORD

RED STEWART AIRFIELD

All areas off rwy surface soft when wet or thawing. ACTIVATE MIRL Rwy 09-27; REIL Rwy 09 and Rwy 27 and PAPI Rwy 27-CTAF.

RADIO AIDS TO NAVIGATION: NOTAM FILE CAK.

COMMUNICATIONS: CTAF/UNICOM 123.05 AKRON RCO 122.1R, 114.4T (CLEVELAND RADIO)

ACO

(See WELLINGTON)

(See WAYNESVILLE)

R AKRON-CANTON APP/DEP CON 118.6 (1100-0500Z‡) **CLNC DEL** 125.65 R CLEVELAND CENTER APP/DEP CON 120.775 (0500-1100Z‡)

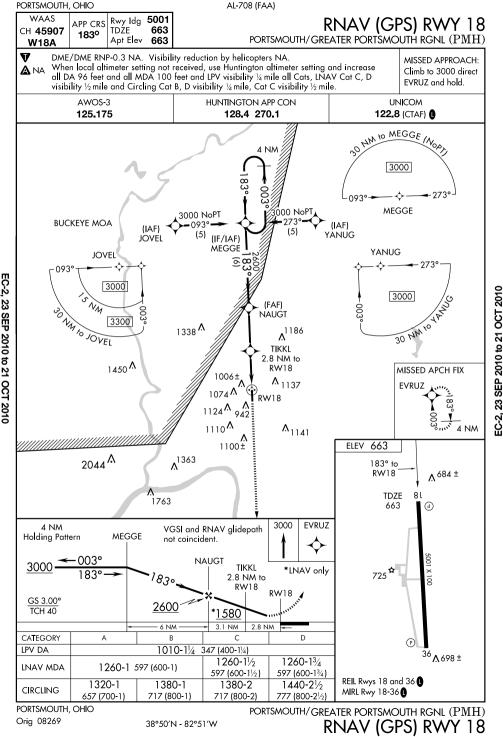
WEATHER DATA SOURCES: AWOS-3 118.675 (330) 298-9353.

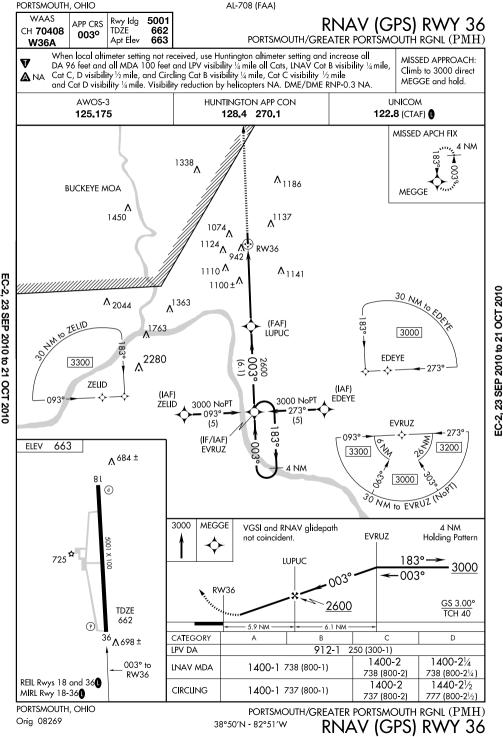
UTC-5(-4DT) N40°24.48′ W83°13.16′ NOTAM FILE DAY UTC-5(-4DT) N41°12.61′ W81°15.10′

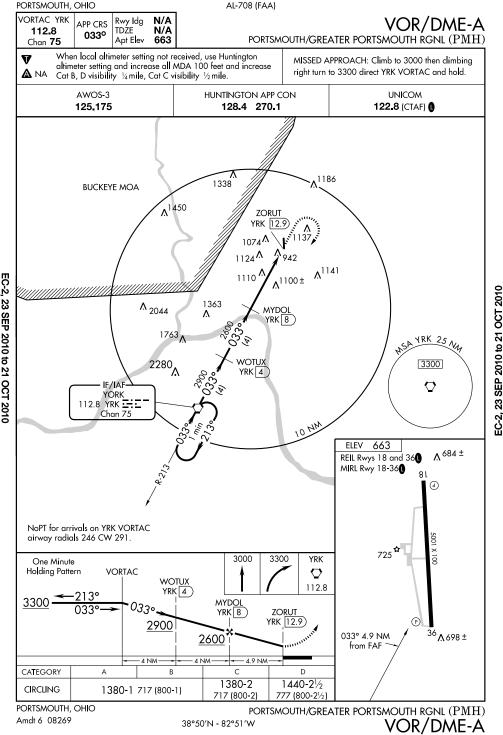
AIRPORT REMARKS: Attended 1300-2200Z‡. 24 hr self svc fuel. Paraglider ops by permit only. Deer on and invof arpt.

344° 6.5 NM to fld. 1194/4W.

DETROIT DETROIT L-30G IAP

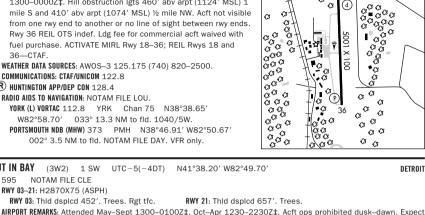






OHIO 255 PORTSMOUTH GREATER PORTSMOUTH RGNL (PMH) 10 NE UTC-5(-4DT)CINCINNATI N38°50.43' W82°50.84' H-10G, L-26G 663 B S4 FUEL 100LL, JET A1+ NOTAM FILE DAY IAP RWY 18-36: H5001X100 (ASPH) S-30, D-42, 2D-70 MIRL œ RWY 18: REIL. PAPI(P4L) TCH 26'. Trees.

30 RWY 36: REIL, PAPI(P4L) TCH 31', Tree, [©] ⊗ 81 AIRPORT REMARKS: Attended Apr-Dec 1300-0100Z‡, Jan-Mar 1300-0000Z±, Hill obstruction lgts 460' aby arpt (1124' MSL) 1 a (d) mile S and 410' aby arpt (1074' MSL) 1/2 mile NW. Acft not visible €3 from one rwy end to another or no line of sight between rwy ends. 0 0 0 Rwy 36 REIL OTS indef. Ldg fee for commercial acft waived with fuel purchase, ACTIVATE MIRL Rwv 18-36; REIL Rwvs 18 and GGG 36-CTAF. WEATHER DATA SOURCES: AWOS-3 125.175 (740) 820-2500. હહું હુ COMMUNICATIONS: CTAF/UNICOM 122.8 aa_aa (R) HUNTINGTON APP/DEP CON 128.4 ര്^ര ദ €3 RADIO AIDS TO NAVIGATION: NOTAM FILE LOU. 000 YORK (L) VORTAC 112.8 YRK Chan 75 N38°38.65' લે લે €3 €3 ß W82°58.70' 033° 13.3 NM to fld. 1040/5W.



student training. Parking/ramp fees are collected for all private or commercial acft. All pilots are required to check into the arpt office at the time of arrival. No tiedown ropes provided; please bring your own set. All acft

(3W2)

NOTAM FILE CLE RWY 03-21: H2870X75 (ASPH)

RWY 03: Thid dsplcd 452'. Trees. Rgt tfc.

PUT IN BAY

505

COMMUNICATIONS: CTAF/UNICOM 122.8

PORTSMOUTH NDB (MHW) 373 PMH N38°46.91' W82°50.67'

002° 3.5 NM to fld. NOTAM FILE DAY. VFR only.

RWY 27: Trees.

NOTAM FILE DAY

are required to shut down engine(s) prior to enplaning/deplaning passengers.

moderate turbulence on departure and approach when wind exceeds 10 knots. Acft Indg Rwy 21 or departing

PUTNAM CO (See OTTAWA)

RADNOR

PACKER 3 NW UTC-5(-4DT) N40°24.48′ W83°13.16′ S4

FUEL 100LL TPA-1818(900) RWY 09-27: 3470X90 (TURF) RWY 09: Thid dspicd 120'. Road.

COMMUNICATIONS: CTAF 122.9

AIRPORT REMARKS: Attended continuously. Rwy 09-27 marked by cones.

RAVENNA PORTAGE CO (29G) 3 N S4 1197 R

RWY 09-27: H3500X75 (ASPH)

RWY 09: REIL. Trees.

PAPI Rwy 27-CTAF.

AKRON (L) VOR/DME 114.4

READER-BOTSFORD

RED STEWART AIRFIELD

COMMUNICATIONS: CTAF/UNICOM 123.05

AKRON RCO 122.1R, 114.4T (CLEVELAND RADIO) R AKRON-CANTON APP/DEP CON 118.6 (1100-0500Z‡)

ACO

(See WELLINGTON)

(See WAYNESVILLE)

R CLEVELAND CENTER APP/DEP CON 120.775 (0500-1100Z‡) RADIO AIDS TO NAVIGATION: NOTAM FILE CAK.

UTC-5(-4DT) N41°12.61′ W81°15.10′ FUEL 100LL, JET A NOTAM FILE CLE MIRL RWY 27: REIL. PAPI(P4L). Trees. AIRPORT REMARKS: Attended 1300-2200Z‡. 24 hr self svc fuel. Paraglider ops by permit only. Deer on and invof arpt. All areas off rwy surface soft when wet or thawing. ACTIVATE MIRL Rwy 09-27; REIL Rwy 09 and Rwy 27 and WEATHER DATA SOURCES: AWOS-3 118.675 (330) 298-9353. **CLNC DEL** 125.65

Chan 91 N41°06.47' W81°12.09'

DETROIT L-30G

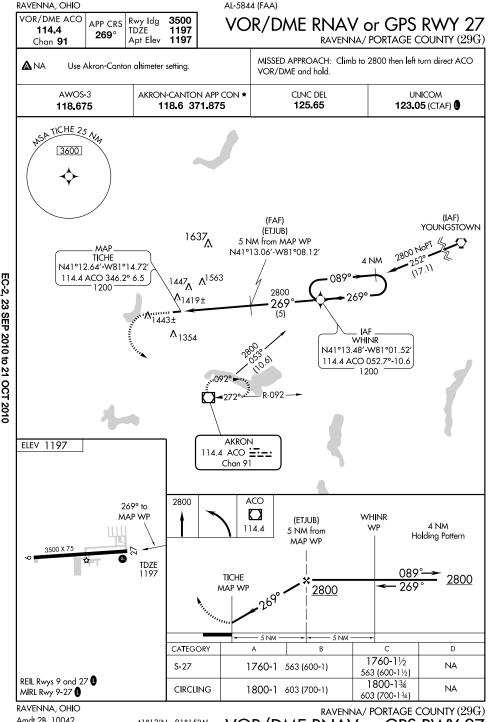
344° 6.5 NM to fld. 1194/4W.

DETROIT

Rwy 03 stay 1000' clear of Perry's Monument 352' AGL/942' MSL 11/2 miles NE of arpt. No touch and go ldg; no

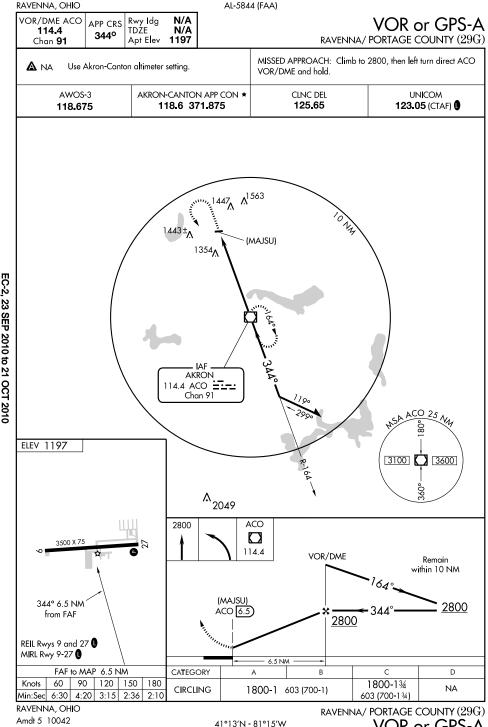
IAP

DETROIT



Amdt 2B 10042

VOR/DME RNAV or GPS RWY 27



256 OHIO RICHARD DOWNING (See COSHOCTON) RICKENBACKER INTL (See COLUMBUS) ROSEWOOD N40°17.27′ W84°02.59′ NOTAM FILE DAY. DETROIT (H) VORTAC 117.5 ROD Chan 122 246° 5.7 NM to Sidney Muni. 1080/5W. H-10G, L-27E RCO 122.1R 117.5T (DAYTON RADIO) ROSS CO (See CHILLICOTHE) RUHE'S (See LEIPSIC) RUSHSYLVANIA N40°27.54′ W83°40.08′ NOTAM FILE DAY. DETROIT NDB (MHW) 326 RUV 233° 4.2 NM to Bellefontaine Rgnl. SHUTDOWN. L-27E ST CLAIRSVILLE ALDERMAN (2P7) 3 W UTC-5(-4DT) N40°03.41′ W80°57.79′ DETROIT В NOTAM FILE CLE L-29B 1187 RWY 01-19: H2843X50 (ASPH) LIRL 0.8% up N. IAP RWY 01. Trees RWY 19: Trees. AIRPORT REMARKS: Attended 1300Z‡—dusk. Rwy 01-19 surface has med block cracking throughout. South half of ramp - poor condition - broken pavement. Call ahead to ACTIVATE rotating bcn and LIRL Rwy 01-19-740-695-0908. Ldg fee. **COMMUNICATIONS: CTAF 122.9** BELLAIRE RCO 122.1R 117.1T (CLEVELAND RADIO) R CLEVELAND CENTER APP/DEP CON 120.4 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. BELLAIRE (H) VOR/DME 117.1 AIR Chan 118 N40°01.02′ W80°49.04′ 297° 7.1 NM to fld. 1290/7W. ST MARYS GRAND LAKE ST MARYS SPB 5 NE UTC-5(-4DT) N40°32.46′ W84°29.44′ (012)DETROIT NOTAM FILE DAY WATERWAY 09-27: 7000X4000 (WATER) WATERWAY 09: Buoy. WATERWAY 27: Buoy. Rgt tfc.

SEAPLANE REMARKS: Attended Apr-Nov 1300-2200Z‡. Arpt CLOSED Nov 15 thru Apr 1 and Memorial and Labor day.

0.3% up E

AIRPORT REMARKS: Attended 1400Z‡-dusk. CAUTION: P-line crosses apch end of Rwys 28L and 28R at thld. CAUTION: Drag Strip 3500' SE of arpt. Arpt bcn ops dusk-0430Z‡. Arpt Igts ops dusk-0500Z‡. ACTIVATE LIRL Rwy 10L-28R—CTAF. For rotating bcn after 0430Z‡ call airport manager before dusk on 330-533-1060. Rwy 10L-28R NSTD LIRL; Rwy 28R Igtd 330' from rwy end with 360° green Igts; Rwy 10L Igtd 238' from rwy end .

YOUNGSTOWN (L) VORTAC 109.0 YNG Chan 27 N41°19.86' W80°40.48' 205° 24.5 NM to fld. 1160/5W.

N40°56.89′ W80°51.73′

No ngt ldgs. No public docks; PPR req for private dock tie up; call 419-394-8797.

(8G8) 2 SW UTC-5(-4DT) N40°53.00′ W80°52.99′

RWY 27: Trees. Rgt tfc.

S4 FUEL 100LL NOTAM FILE CLE

RWY 28L: Pole.

3 N UTC-5(-4DT)

LIRL (NSTD)

RWY 28R: Thid dspicd 258'. Trees.

Rwy 10R-28L marked with yellow cones on N side of rwy; rwy ends not marked.

COMMUNICATIONS: CTAF 122.9

COMMUNICATIONS: CTAF 122.9 SALEM AIRPARK INC (38D)

RWY 10L: Trees.

RWY 10R: Trees.

2AWIH

RWY 10L-28R: H3404X50 (ASPH)

COMMUNICATIONS: CTAF/UNICOM 122.7

RADIO AIDS TO NAVIGATION: NOTAM FILE YNG.

Armstrong Wapakoneta Arpts.

NOTAM FILE CLE RWY 09-27: 1850X100 (TURF) RWY 09: P-line.

AIRPORT REMARKS: Attended dalgt hrs. Ldg fee.

RWY 10R-28L: 2593X85 (TURF) 0.4% up E

AKRON-CANTON APP/DEP CON 125.5 (1100-0500Z‡) R CLEVELAND CENTER APP/DEP CON 120.775 (0500-1100Z‡)

KOONS

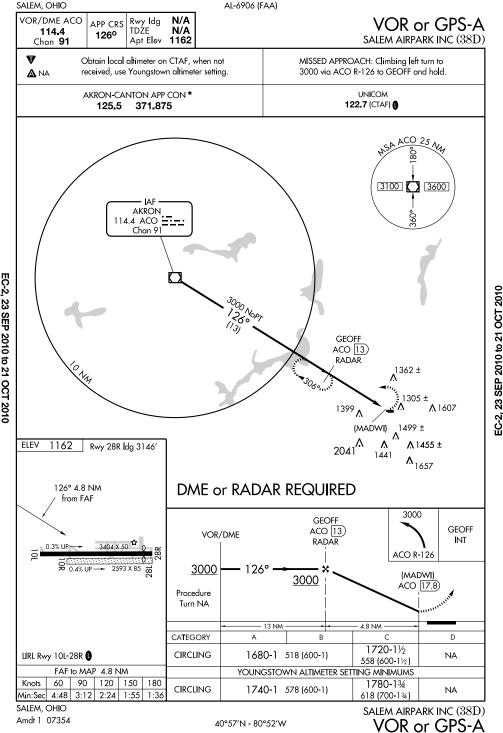
1327

- SALFM

DETROIT L-30G IAP

COMM/NAV/WEATHER REMARKS: Acft operating at Seaplane Base should monitor 122.8 for tfc at Celina Lakefld and Neil

DETROIT



OHIO 257 SALT FORK LODGE HELIPORT (See CAMBRIDGE) SANDUSKY N41°26.07′ W82°39.29′ NOTAM FILE CLE. DETROIT (L) VOR/DME 109.2 SKY Chan 29 at Griffing-Sandusky. 580/4W. H-10G, L-30F SANDUSKY CO RGNL (See FREMONT) SANDUSKY GRIFFING-SANDUSKY (SKY) 3 SE UTC-5(-4DT) N41°26.00′ W82°39.14′ DETROIT S4 FUEL 100LL, JET A AOE NOTAM FILE CLE 1-30F RWY 09-27: H3559X60 (ASPH) S-9 LIRL IAP RWY 09: REIL. Thid dspicd 183', Road. RWY 27: PAPI(P4L), Tree. RWY 18-36: H2593X40 (ASPH) RWY 36: Thid dspicd 405'. Road. AIRPORT REMARKS: Attended 1300-0000Z±, Arpt CLOSED Christmas and Thanksgiving, Waterfowl bird hazard adjacent to arpt. Deer on and invof arpt. Ldg fee. Flight Notification Service (ADCUS) available. COMMUNICATIONS: CTAF/UNICOM 123.0 SANDUSKY RCO 122.1R 109.2T (CLEVELAND RADIO) CLEVELAND APP/DEP CON 126.35 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. at fld. 580/4W. SANDUSKY (L) VOR/DME 109.2 SKY Chan 29 N41°26.07′ W82°39.29′ SCHMELTZER HELIPORT (See AKRON) SEAGATE HELISTOP (See TOLEDO) SFBRING TRI-CITY (3G6) 1 SE UTC-5(-4DT) N40°54.36′ W81°00.00′ DETROIT L-29B

1188 **FUEL** 100LL NOTAM FILE CLE

RWY 17-35: H2768X45 (ASPH) MIRL (NSTD) RWY 17. Trees RWY 35. Tree AIRPORT REMARKS: Attended 1400Z‡-dusk, 100LL fuel avbl 24 hrs with credit card, ACTIVATE MIRL Rwy

17-35—CTAF. Rwy 17-35 NSTD MIRL; thid lgtd with 2 blue/red lgts each side. **COMMUNICATIONS: CTAF 122.9**

AKRON RCO 122.1R 114.4T (CLEVELAND RADIO) R AKRON-CANTON APP/DEP CON 125.5 (1100-0500Z‡) (R) CLEVELAND CENTER APP/DEP CON 120.775 (0500-1100Z‡) RADIO AIDS TO NAVIGATION: NOTAM FILE CAK.

AKRON (L) VOR/DME 114.4 SENECA CO (See TIFFIN)

SHELBY COMMUNITY (12G) 2 W **S4** NOTAM FILE CLE

RWY 18-36: H3174X50 (ASPH) S-5 LIRL (NSTD) RWY 36: P-line. RWY 18: Road. RWY 03-21: 1890X125 (TURF) RWY 21: Building. RWY 03: Tree. AIRPORT REMARKS: Attended 1100-2200Z‡. Rwy 18-36 NSTD LIRL;

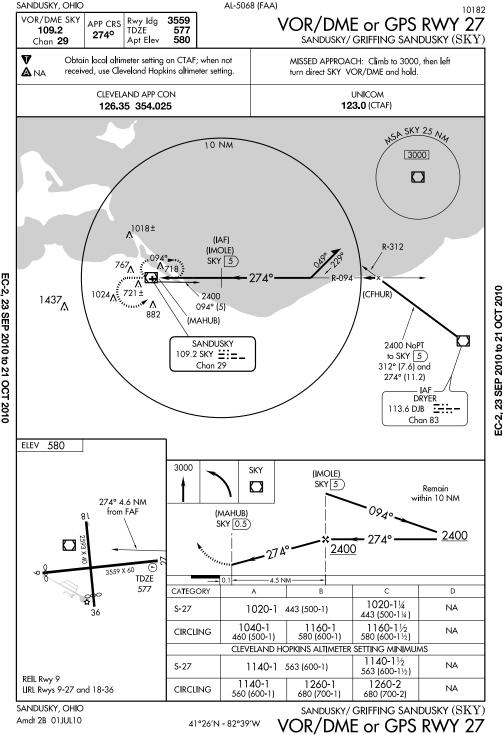
Rwy 18 thld lgts 220' from rwy end. Rwy lgts 62' from east edge and 47' from west edge of rwy. COMMUNICATIONS: CTAF/UNICOM 122.8 (R) MANSFIELD APP/DEP CON 124.2 (1100-0400Z±) CLEVELAND CENTER APP/DEP CON 134.9 (0400-1100Z‡) RADIO AIDS TO NAVIGATION: NOTAM FILE MFD.

MANSFIELD (L) VORTAC 108.8 MFD Chan 25 N40°52.12' W82°35.46' 276° 4.9 NM to fld. 1210/3W

ACO Chan 91 N41°06.47′ W81°12.09′ 147° 15.2 NM to fld. 1194/4W. UTC-5(-4DT) N40°52.39′ W82°41.84′ DETROIT 000

IAP

I-29A



AL-5068 (FAA)

Amdt 7B 01JUL10

SANDUSKY, OHIO

OHIO 257 SALT FORK LODGE HELIPORT (See CAMBRIDGE) SANDUSKY N41°26.07′ W82°39.29′ NOTAM FILE CLE. DETROIT (L) VOR/DME 109.2 SKY Chan 29 at Griffing-Sandusky. 580/4W. H-10G, L-30F SANDUSKY CO RGNL (See FREMONT) SANDUSKY GRIFFING-SANDUSKY (SKY) 3 SE UTC-5(-4DT) N41°26.00′ W82°39.14′ DETROIT S4 FUEL 100LL, JET A AOE NOTAM FILE CLE 1-30F RWY 09-27: H3559X60 (ASPH) S-9 LIRL IAP RWY 09: REIL. Thid dspicd 183', Road. RWY 27: PAPI(P4L), Tree. RWY 18-36: H2593X40 (ASPH) RWY 36: Thid dspicd 405'. Road. AIRPORT REMARKS: Attended 1300-0000Z±, Arpt CLOSED Christmas and Thanksgiving, Waterfowl bird hazard adjacent to arpt. Deer on and invof arpt. Ldg fee. Flight Notification Service (ADCUS) available. COMMUNICATIONS: CTAF/UNICOM 123.0 SANDUSKY RCO 122.1R 109.2T (CLEVELAND RADIO) CLEVELAND APP/DEP CON 126.35 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. at fld. 580/4W. SANDUSKY (L) VOR/DME 109.2 SKY Chan 29 N41°26.07′ W82°39.29′ SCHMELTZER HELIPORT (See AKRON) SEAGATE HELISTOP (See TOLEDO) SFBRING TRI-CITY (3G6) 1 SE UTC-5(-4DT) N40°54.36′ W81°00.00′ DETROIT L-29B

1188 **FUEL** 100LL NOTAM FILE CLE

RWY 17-35: H2768X45 (ASPH) MIRL (NSTD) RWY 17. Trees RWY 35. Tree AIRPORT REMARKS: Attended 1400Z‡-dusk, 100LL fuel avbl 24 hrs with credit card, ACTIVATE MIRL Rwy

17-35—CTAF. Rwy 17-35 NSTD MIRL; thid lgtd with 2 blue/red lgts each side. **COMMUNICATIONS: CTAF 122.9**

AKRON RCO 122.1R 114.4T (CLEVELAND RADIO) R AKRON-CANTON APP/DEP CON 125.5 (1100-0500Z‡) (R) CLEVELAND CENTER APP/DEP CON 120.775 (0500-1100Z‡) RADIO AIDS TO NAVIGATION: NOTAM FILE CAK.

AKRON (L) VOR/DME 114.4 SENECA CO (See TIFFIN)

SHELBY COMMUNITY (12G) 2 W **S4** NOTAM FILE CLE

RWY 18-36: H3174X50 (ASPH) S-5 LIRL (NSTD) RWY 36: P-line. RWY 18: Road. RWY 03-21: 1890X125 (TURF) RWY 21: Building. RWY 03: Tree. AIRPORT REMARKS: Attended 1100-2200Z‡. Rwy 18-36 NSTD LIRL;

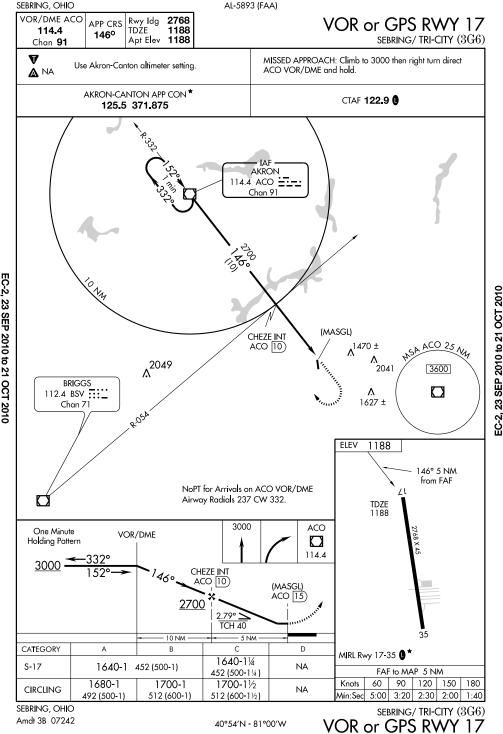
Rwy 18 thld lgts 220' from rwy end. Rwy lgts 62' from east edge and 47' from west edge of rwy. COMMUNICATIONS: CTAF/UNICOM 122.8 (R) MANSFIELD APP/DEP CON 124.2 (1100-0400Z±) CLEVELAND CENTER APP/DEP CON 134.9 (0400-1100Z‡) RADIO AIDS TO NAVIGATION: NOTAM FILE MFD.

MANSFIELD (L) VORTAC 108.8 MFD Chan 25 N40°52.12' W82°35.46' 276° 4.9 NM to fld. 1210/3W

ACO Chan 91 N41°06.47′ W81°12.09′ 147° 15.2 NM to fld. 1194/4W. UTC-5(-4DT) N40°52.39′ W82°41.84′ DETROIT 000

IAP

I-29A



OHIO 257 SALT FORK LODGE HELIPORT (See CAMBRIDGE) SANDUSKY N41°26.07′ W82°39.29′ NOTAM FILE CLE. DETROIT (L) VOR/DME 109.2 SKY Chan 29 at Griffing-Sandusky. 580/4W. H-10G, L-30F SANDUSKY CO RGNL (See FREMONT) SANDUSKY GRIFFING-SANDUSKY (SKY) 3 SE UTC-5(-4DT) N41°26.00′ W82°39.14′ DETROIT S4 FUEL 100LL, JET A AOE NOTAM FILE CLE 1-30F RWY 09-27: H3559X60 (ASPH) S-9 LIRL IAP RWY 09: REIL. Thid dspicd 183', Road. RWY 27: PAPI(P4L), Tree. RWY 18-36: H2593X40 (ASPH) RWY 36: Thid dspicd 405'. Road. AIRPORT REMARKS: Attended 1300-0000Z±, Arpt CLOSED Christmas and Thanksgiving, Waterfowl bird hazard adjacent to arpt. Deer on and invof arpt. Ldg fee. Flight Notification Service (ADCUS) available. COMMUNICATIONS: CTAF/UNICOM 123.0 SANDUSKY RCO 122.1R 109.2T (CLEVELAND RADIO) CLEVELAND APP/DEP CON 126.35 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. at fld. 580/4W. SANDUSKY (L) VOR/DME 109.2 SKY Chan 29 N41°26.07′ W82°39.29′ SCHMELTZER HELIPORT (See AKRON) SEAGATE HELISTOP (See TOLEDO) SFBRING TRI-CITY (3G6) 1 SE UTC-5(-4DT) N40°54.36′ W81°00.00′ DETROIT L-29B

1188 **FUEL** 100LL NOTAM FILE CLE

RWY 17-35: H2768X45 (ASPH) MIRL (NSTD) RWY 17. Trees RWY 35. Tree AIRPORT REMARKS: Attended 1400Z‡-dusk, 100LL fuel avbl 24 hrs with credit card, ACTIVATE MIRL Rwy

17-35—CTAF. Rwy 17-35 NSTD MIRL; thid lgtd with 2 blue/red lgts each side. **COMMUNICATIONS: CTAF 122.9**

AKRON RCO 122.1R 114.4T (CLEVELAND RADIO) R AKRON-CANTON APP/DEP CON 125.5 (1100-0500Z‡) (R) CLEVELAND CENTER APP/DEP CON 120.775 (0500-1100Z‡) RADIO AIDS TO NAVIGATION: NOTAM FILE CAK.

AKRON (L) VOR/DME 114.4 SENECA CO (See TIFFIN)

SHELBY COMMUNITY (12G) 2 W **S4** NOTAM FILE CLE

RWY 18-36: H3174X50 (ASPH) S-5 LIRL (NSTD) RWY 36: P-line. RWY 18: Road. RWY 03-21: 1890X125 (TURF) RWY 21: Building. RWY 03: Tree. AIRPORT REMARKS: Attended 1100-2200Z‡. Rwy 18-36 NSTD LIRL;

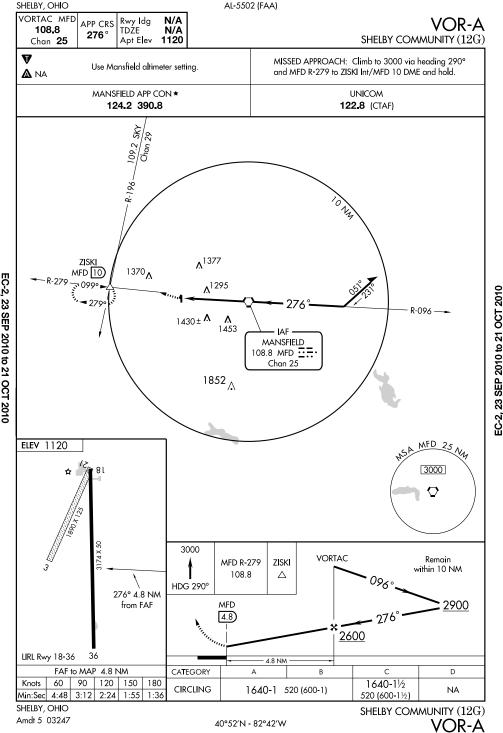
Rwy 18 thld lgts 220' from rwy end. Rwy lgts 62' from east edge and 47' from west edge of rwy. COMMUNICATIONS: CTAF/UNICOM 122.8 (R) MANSFIELD APP/DEP CON 124.2 (1100-0400Z±) CLEVELAND CENTER APP/DEP CON 134.9 (0400-1100Z‡) RADIO AIDS TO NAVIGATION: NOTAM FILE MFD.

MANSFIELD (L) VORTAC 108.8 MFD Chan 25 N40°52.12' W82°35.46' 276° 4.9 NM to fld. 1210/3W

ACO Chan 91 N41°06.47′ W81°12.09′ 147° 15.2 NM to fld. 1194/4W. UTC-5(-4DT) N40°52.39′ W82°41.84′ DETROIT 000

IAP

I-29A



SIDNEY MUNI (I12) 3 S UTC-5(-4DT) N40°14.49′ W84°09.05′ 1044 B S2 FUEL 100LL, JET A TPA-1844(800) NOTAM FILE DAY

MIRL

RWY 10-28: H4785X75 (ASPH) RWY 10: PAPI(P2L), Thid dsplcd 480', Trees. RWY 05-23: H2981X50 (ASPH) RWY 05: Road. RWY 23. P-line

NDR (MHW) 245

258

AIRPORT REMARKS: Attended 1300-2300Z‡, ACTIVATE MIRL Rwy 10-28, and REIL Rwy 28—CTAF. WEATHER DATA SOURCES: AWOS-3 120.425 (937) 492-3683.

PWF

COMMUNICATIONS: CTAF/UNICOM 123.05

ROSEWOOD RCO 122.1R 117.5T (DAYTON RADIO)

OHIO

R DAYTON APP/DEP CON 118.425 (360°-090°)

RWY 28: REIL, PAPI(P2R)—GA 3.0° TCH 40', Road.

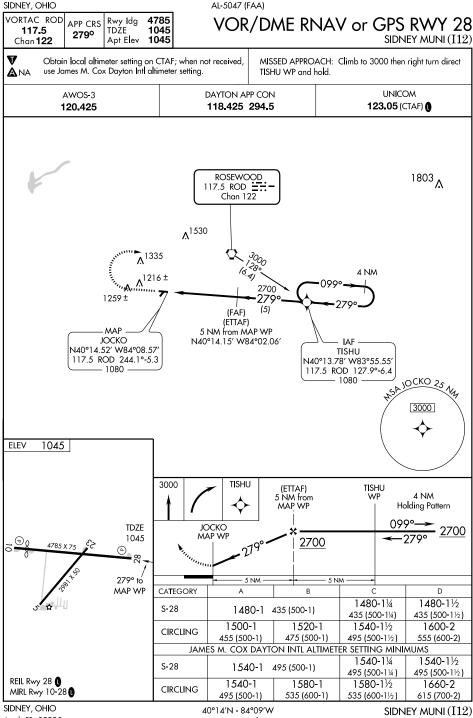
RADIO AIDS TO NAVIGATION: NOTAM FILE DAY. ROSEWOOD (H) VORTAC 117.5 ROD Chan 122 N40°17.27′ W84°02.59′ 246° 5.7 NM to fld. 1080/5W.

at Clermont Co. NDB unusable byd 15 NM

SPORTYS N39°04.06′ W84°12.92′ NOTAM FILE DAY. CINCINNATI 1-27F

DETROIT

L-27E



Amdt 5B 09295

EC-2, 23 SEP 2010 to 21 OCT 2010

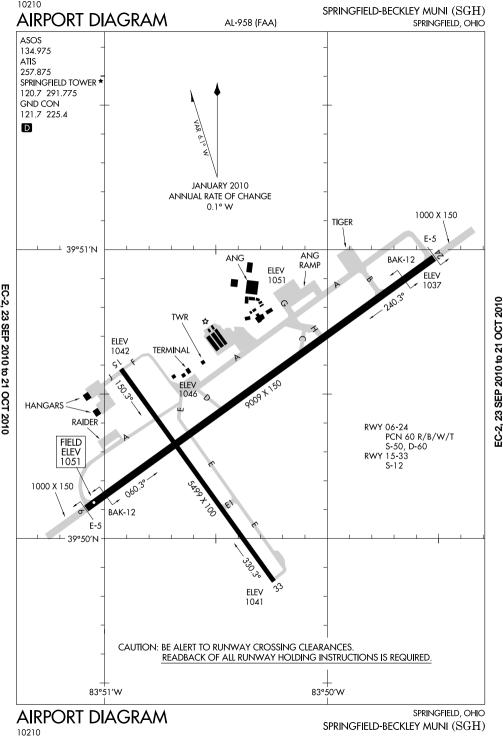
VOR/DME RNAV or GPS RWY 28

VORTAC ROD 2981 Rwy Idg VOR or GPS RWY 23 APP CRS 1041 117.5 TDŹE 246° 1045 SIDNEY MUNI (I12) Chan 122 Apt Elev V Obtain local altimeter setting on CTAF; when not received, MISSED APPROACH: Climb to 3000 then left turn direct ROD A NA use James M. Cox Dayton Intl altimeter setting. VORTAC and hold. UNICOM DAYTON APP CON AWOS-3 123.05 (CTAF) (120.425 118.425 294.5 R.066 ¹⁸⁰³∧ ∧¹⁵³⁰ EC-2, 23 SEP 2010 to 21 OCT 2010 ∧¹³³⁵ 1216± **^**. AF **ROSEWOOD** 117.5 ROD **=**: Chan 122 NSA ROD 25 NA 3000 10 NM **ELEV** 1045 3000 ROD VORTAC 246° 5.5 NM Remain within 10 NM from FAF \bigcirc TDZE 117.5 1041 3000 246° RW23 3000 ROD [5.5] 5.5 NM CATEGORY C D 1480-11/4 1480-11/2 S-23 1480-1 439 (500-1) 439 (500-11/4) 439 (500-11/2) 1500 - 11520-1 1540-11/2 1600-2 CIRCLING 455 (500-1) 475 (500-1) 495 (500-11/2) 555 (600-2) REIL Rwy 28 🗓 JAMES M. COX DAYTON INTL ALTIMETER SETTING MINIMUMS MIRL Rwy 10-28 1 1520-11/4 1520-11/2 S-23 1520-1 479 (500-1) FAF to MAP 5.5 NM 479 (500-11/4) 479 (500-11/2) Knots 60 90 120 150 180 1540-1 1580 - 11580-11/9 1660-2 CIRCLING Min:Sec 5:30 3:40 2:45 2:12 1:50 495 (500-1) 535 (600-1) 615 (700-2) 535 (600-11/2) SIDNEY, OHIO SIDNEY MUNI (I12) Amdt 12B 09295 40°14′N - 84°09′W VOR or GPS RWY 23

EC-2, 23 SEP 2010 to 21 OCT 2010

AL-5047 (FAA)

SIDNEY, OHIO



259 OHIO

€3

SPRINGFIELD-BECKLEY MUNI (SGH)(KSGH) CIV/MIL/ANG 5 S UTC-5(-4DT)N39°50.42′ W83°50.41′

1051 R S4 FUEL 100LL, JET A TPA-See Remarks Class IV. ARFF Index A NOTAM FILE SGH

H-10G, L-27E IAP, DIAP, AD

C3

CINCINNATI

RWY 06-24: H9009X150 (ASPH-CONC-GRVD) S-50, D-60 PCN 60

R/B/W/T HIRL

RWY 06: REIL. PAPI(P4L)-GA 3.0° TCH 43'. Trees.

RWY 24: ALSF2. PAPI(P4L)-GA 3.0° TCH 54'. Road.

RWY 15-33: H5499X100 (ASPH) S-12

RWY 15: REIL. PAPI(P4L)-GA 3.0° TCH 36'. Trees. RWY 33: REIL, PAPI(P4L) TCH 36', Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-9009 TODA-9009 ASDA-9009 LDA-9009

RWY 15:

TORA-5499 TODA-5499 ASDA-5499 LDA-5499 RWY 24: TORA-9009 TODA-9009 ASDA-9009 LDA-9009

RWY 33: TORA-5499 TODA-5499 ASDA-5499 LDA-5499

ARRESTING GEAR/SYSTEM

RWY 06 ← HOOK E5 (35' OVRN) BAK-14 BAK-12A(B) (943')

BAK-14 BAK-12A(B) (991') HOOK E5 (35' OVRN) → RWY 24

MILITARY SERVICE: A-GEAR Cable raised by BAK-14 device on request to twr. BAK-12A(B) avbl Tue-Fri 1230-2130Z‡, may be extended, other times by NOTAM for mil flying. Rwy 06-24 E-5 chain in

overrun, departure engagement only. JASU 6(AM32A-60B) FUEL J8(MiI) (NC 100LL, A)

FLUID PRESAIR LPOX LOX 0IL 0-133-148-156(MiI) SOAP

AIRPORT REMARKS: Attended 1200-2300Z‡. Deer on and invof arpt. Heavy bird activity fall and winter months. Caution: Bird watch cond phase I (Dec-Jun) indicates light bird activity. Phase II (Jul-Nov) indicates heavy activity normally associated with migratory season. During twr operating hours Rwy 24 is the preferred rwy, wind

10 knots or less. Rwy 06-24 arresting device may be up when twr clsd. Rwys 06 and 24 acft arresting device BAK 12 located 35' beyond apch end Rwys 06 and 24. Closed to scheduled air carrier ops with greater than 9 passenger seats and unscheduled air carrier ops greater than 30 passenger seats. 90-day PPR, call arpt manager 937-325-6108, Rwy 15-33 limited to 25,000 lbs single wheel load capacity or less. Noise Abatement: Avoid over flying Yellow Springs 2 NM SW blo 4000', practice circling instrument approach not authorized blo 2000' establish on final. Avoid overflying ANG ramp. When twr clsd ACTIVATE ALSF2 Rwy 24, MIRL Rwy 15-33; REIL Rwy 06, Rwy 15 and Rwy 33—CTAF, HIRL Rwy 06-24 preset on med ints to increase ints

ACTIVATE—CTAF. Rwy 15-33 and Twy F not avbl for air carrier ops. Rwy 06-24 980' concrete NE end, 1200' concrete SW end, TPA 2100 (1049), overhead 2600 (1549), MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Remarks. RSTD Mil practice instrument apch not authorized when twr clsd. CAUTION A-gear Rwy 06-24 may be up when twr clsd. MISC Military practice instrument approach not authorized when twr closed. Wx obsn-Rwy 06 apch end not visible from the official point of obsn. Visibility is Itd from SW to NW. ANG PPR at all times DSN 346-2319, C937-327-2319. Runway Condition Reading not avbl. All tran acft ctc 178 F/W OPS. Inbound acft accepting penetrate and radar vectors from IND Center and Dayton Apch expect extensive low altitude vectoring. Opr Tue-Fri 1230-2130Z‡, may be extended other times by NOTAM for mil flying. Std USAF RSRS applies.

WEATHER DATA SOURCES: ASOS 134.975. LAWRS. COMMUNICATIONS: CTAF 120.7 ATIS 257.875 UNICOM 122.95

R DAYTON APP/DEP CON 126.5 (091°-180°) 118.85 127.225 327.1

TOWER 120.7 291.775 (Tue-Fri 1230-2130Z‡) other times by NOTAM. GND CON 121.7 225.4 178 FW 0PS (SABER OPS) 324.7

AIRSPACE: CLASS D svc Tue-Fri 1230-2130Z‡, may be extended, other times by NOTAM for military flying, other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE SGH. (T) VORW/DME 113.2 SGH

Chan 79 N39°50.19' W83°50.70' at fld. 1047/4W. VOR portion unusable 156°-200°.

XSF (133.8) N39°50.29' W83°50.44' at fld. 1052/4W. NOTAM FILE DAY, TACAN

unusable 090°-115° blo 5000′ byd 15 NM. Unmonitored when twr clsd. No NOTAM MP Thu 1330-1530Z‡. CLARK CO NDB (MHW) 341 CCJ N39°52.42′ W83°46.77′ 238° 3.4 NM to fld. NDB unmonitored. ILS 111.3 Class IE. Unmonitored when twr clsd. No NOTAM MP Tue 1800-2100Z±. I-SGH Rwv 24.

STANLEY N40°51.75′ W84°36.83′ NOTAM FILE DAY.

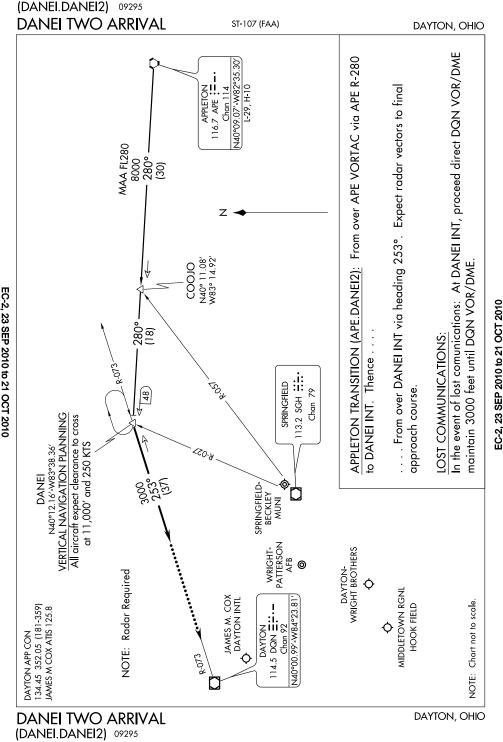
at Van Wert Co.

DETROIT

STARK COUNTY SHERIFF HELIPORT (See CANTON)

VFU

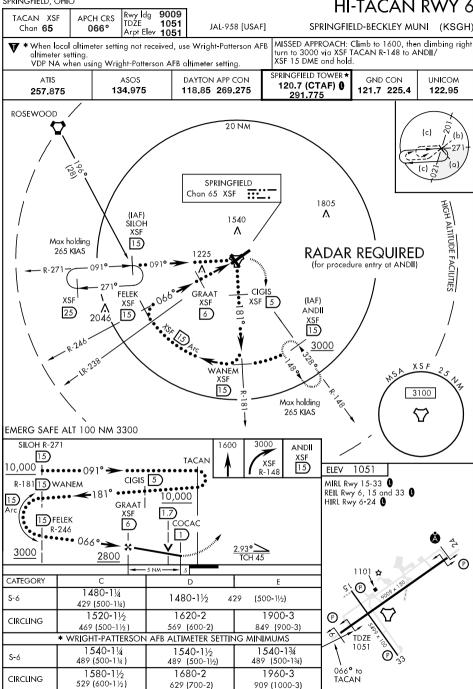
NDB (MHW) 411



EC-2, 23 SEP 2010 to 21 OCT 2010

EC.2,

23 SEP 2010 to 21 OCT 2010

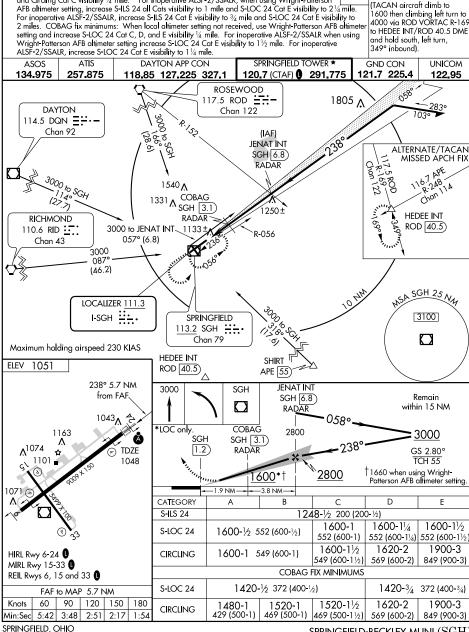


HI-TACAN RWY 6

23 SEP 2010 to 21 OCT 2010

EC 2

23 SEP 2010 to 21 OCT 2010

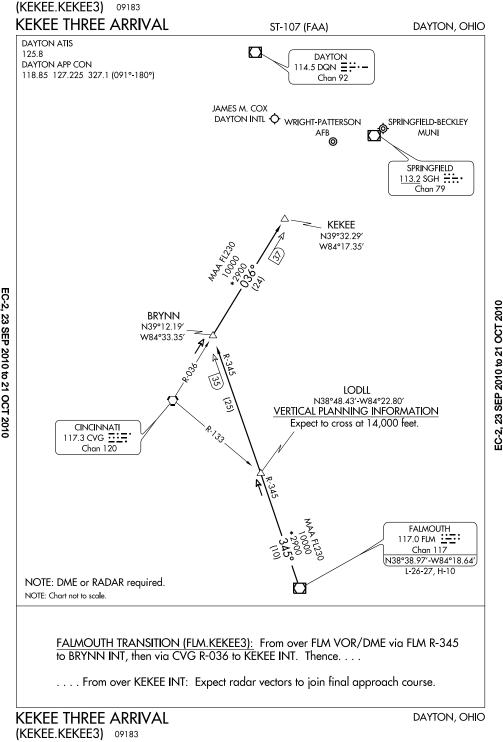


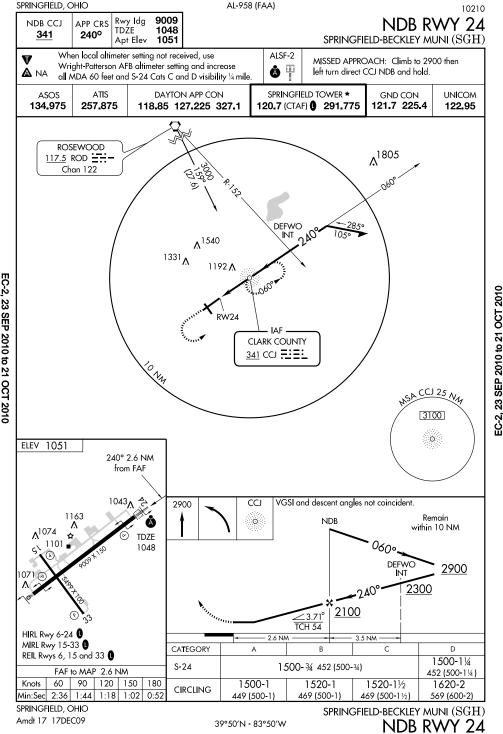
Amdt 2 17DEC09

EC.2,

23 SEP 2010 to 21 OCT 2010

SPRINGFIELD-BECKLEY MUNI (SGH) ILS or LOC RWY 24

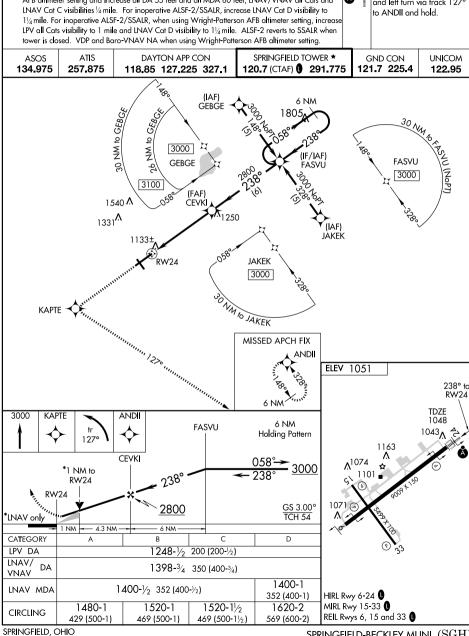




Orig 17DEC09

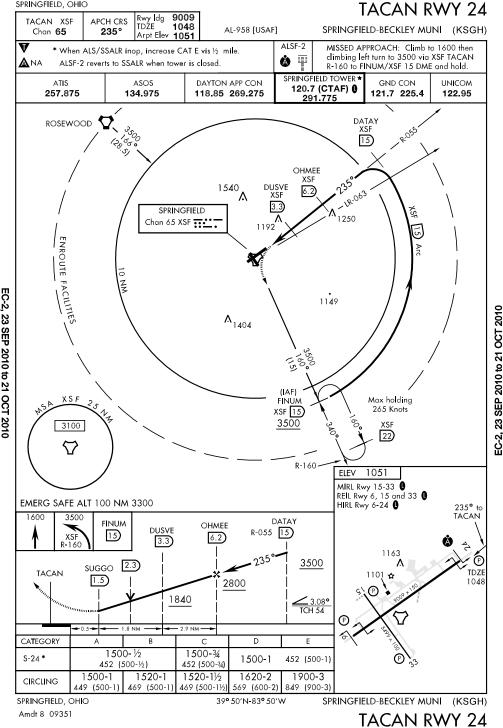
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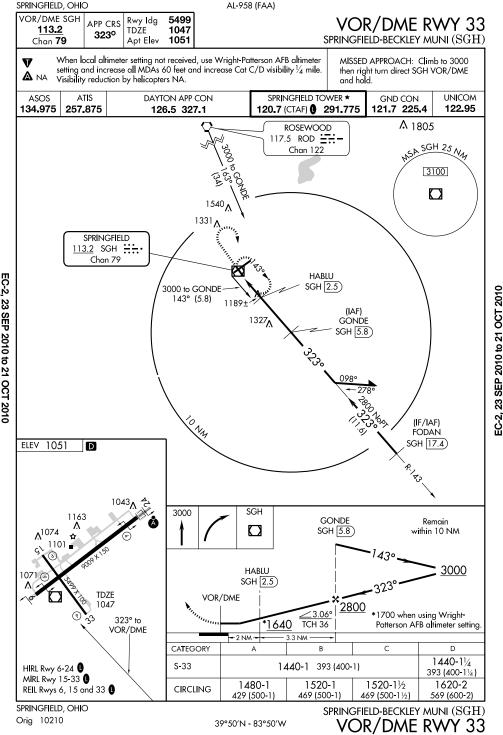
RNAV (GPS) RWY 6

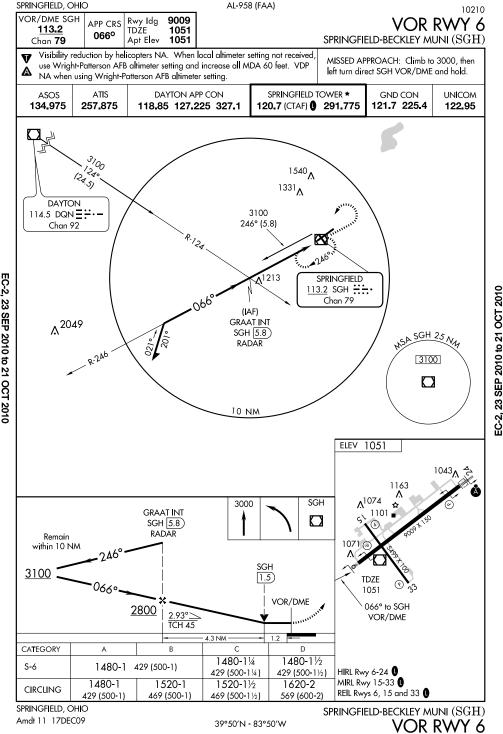


Orig 17DEC09

SPRINGFIELD, OHIO TACAN RWY 6 Rwy Idg 9009 TACAN XSF APCH CRS TDŹE 1052 SPRINGFIELD-BECKLEY MUNI (KSGH) AL-958 [USAF] 066° Chan 65 Arpt Elev 1051 V MISSED APPROACH: Climbing right turn to 3000 via XSF R-148 to COFIL 12 DME and hold. When control tower closed, use Wright-Patterson AFB altimeter setting SPRINGFIELD TOWER ★ ATIS ASOS DAYTON APP CON GND CON UNICOM 120.7 (CTAF) (257.875 134.975 118.85 269.275 121.7 225.4 122.95 291,775 ROSEWOOD (80) 1540 ENROUTE FACILITIES SPRINGFIELD Chan 65 XSF 🙃 😬 GRAAT XSF 6 EC-2, 23 SEP 2010 to 21 OCT 2010 XSF 066 18.73b XSF 3100 XSF 17 (IAF) ĊOFÍL R-148 EMERG SAFE ALT 100 NM 3100 XSF 12 GRAAT 3000 R-246 12) COFIL XSF 1051 **ELEV** 12) 6 3000 R-148 MIRL Rwy 15-33 0 REIL Rwy 6, 15 and 33 0 HIRL Rwy 6-24 (TACAN 2500 В D CATEGORY Α C 1440-11/4 1440-1 S-6 (400 - 1)388 388 (400-11/4) 1520-1 1480 - 11520-11/2 1620-2CIRCLING 428 (500-1) 468 (500-1) 468 (500-11/2) 568 (600-2) **TDZE** 1052 WRIGHT-PATTERSON AFB ALTIMETER SETTING MINIMUMS ® 1500-1¼ 1500-11/2 S-6 1500-1 448 (500-1)066° to 448 (500-11/4) 448 (500-11/2) TACAN 1540 - 11560 - 11560-11/2 1660-2 CIRCLING 488 (500-1) 508 (600-1) 508 (600-11/2) 608 (700-2) SPRINGFIELD-BECKLEY MUNI SPRINGFIELD, OHIO 39° 50'N-83° 50'W (KSGH) Amdt 7 09015 TACAN RWY 6







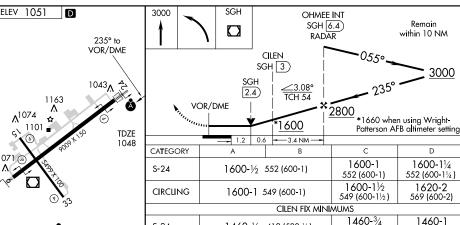
TDŹE

VOR RWY 24 SPRINGFIELD-BECKLEY MUNI (SGH)

EC-2, 23 SEP 2010 to 21 OCT 2010

235° Chan 79 Apt Elev 1051 V When local altimeter setting not received, use Wright-Patterson AFB altimeter setting and increase all MDAs 60 feet and increase S-24 Cats C and D and Circling Cat C A NA and increase all MDAs ou reer and increase 2.2 Can be all more setting, visibility ¼ mile. VDP NA when using Wright-Patterson AFB alitmeter setting. ALSF-2 MISSED APPROACH: Climb to 3000 then left turn direct ALSF-2 reverts to SSALR when tower is closed. For inoperative ALSF-2/SSALR SGH VOR/DME and hold. increase CILEN fix minimums S-24 Cat D visibility to 11/4, when using Wright-Patterson AFB altimeter setting increase CILEN fix minimums S-24 Cat D visibility to 11/2.

ASOS ATIS DAYTON APP CON SPRINGFIELD TOWER ★ **GND CON** UNICOM 134.975 257.875 126.5 327.1 120.7 (CTAF) 0 291.775 121.7 225.4 122.95 ROSEWOOD 117.5 ROD = Chan 122 ^¹⁸⁰⁵ Λ¹⁵⁴⁰ (IAF) 1331 OHMEE INT SGH (6.4) 250± RADAR 3000 to OHMEE CILEN 055° (6.4) NSA SGH 25 NA SGH 3 3100 **SPRINGFIELD** 113.2 SGH ∷∴· Chan 79 SGH **ELEV** 1051 D 3000 OHMEE INT Remain SGH (6.4) within 10 NM



SPRINGFIELD, OHIO Amdt 11 10210

HIRL Rwy 6-24

MIRL Rwy 15-33 (

REIL Rwys 6, 15 and 33 (

EC-2, 23 SEP 2010 to 21 OCT 2010

SPRINGFIELD-BECKLEY MUNI (SGH) VOR RW

412 (500-1)

1620-2

569 (600-2)

412 (500-3/4)

1520-11/2

469 (500-11/2)

S-24

CIRCLING

1480-1

429 (500-1)

1460-1/2 412 (500-1/2)

1520-1

469 (500-1)

256 OHIO RICHARD DOWNING (See COSHOCTON) RICKENBACKER INTL (See COLUMBUS) ROSEWOOD N40°17.27′ W84°02.59′ NOTAM FILE DAY. DETROIT (H) VORTAC 117.5 ROD Chan 122 246° 5.7 NM to Sidney Muni. 1080/5W. H-10G, L-27E RCO 122.1R 117.5T (DAYTON RADIO) ROSS CO (See CHILLICOTHE) RUHE'S (See LEIPSIC) RUSHSYLVANIA N40°27.54′ W83°40.08′ NOTAM FILE DAY. DETROIT NDB (MHW) 326 RUV 233° 4.2 NM to Bellefontaine Rgnl. SHUTDOWN. L-27E ST CLAIRSVILLE ALDERMAN (2P7) 3 W UTC-5(-4DT) N40°03.41′ W80°57.79′ DETROIT В NOTAM FILE CLE L-29B 1187 RWY 01-19: H2843X50 (ASPH) LIRL 0.8% up N. IAP RWY 01. Trees RWY 19: Trees. AIRPORT REMARKS: Attended 1300Z‡—dusk. Rwy 01-19 surface has med block cracking throughout. South half of ramp - poor condition - broken pavement. Call ahead to ACTIVATE rotating bcn and LIRL Rwy 01-19-740-695-0908. Ldg fee. **COMMUNICATIONS: CTAF 122.9** BELLAIRE RCO 122.1R 117.1T (CLEVELAND RADIO) R CLEVELAND CENTER APP/DEP CON 120.4 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. BELLAIRE (H) VOR/DME 117.1 AIR Chan 118 N40°01.02′ W80°49.04′ 297° 7.1 NM to fld. 1290/7W. ST MARYS GRAND LAKE ST MARYS SPB 5 NE UTC-5(-4DT) N40°32.46′ W84°29.44′ (012)DETROIT NOTAM FILE DAY WATERWAY 09-27: 7000X4000 (WATER) WATERWAY 09: Buoy. WATERWAY 27: Buoy. Rgt tfc.

SEAPLANE REMARKS: Attended Apr-Nov 1300-2200Z‡. Arpt CLOSED Nov 15 thru Apr 1 and Memorial and Labor day.

0.3% up E

AIRPORT REMARKS: Attended 1400Z‡-dusk. CAUTION: P-line crosses apch end of Rwys 28L and 28R at thld. CAUTION: Drag Strip 3500' SE of arpt. Arpt bcn ops dusk-0430Z‡. Arpt Igts ops dusk-0500Z‡. ACTIVATE LIRL Rwy 10L-28R—CTAF. For rotating bcn after 0430Z‡ call airport manager before dusk on 330-533-1060. Rwy 10L-28R NSTD LIRL; Rwy 28R Igtd 330' from rwy end with 360° green Igts; Rwy 10L Igtd 238' from rwy end .

YOUNGSTOWN (L) VORTAC 109.0 YNG Chan 27 N41°19.86' W80°40.48' 205° 24.5 NM to fld. 1160/5W.

N40°56.89′ W80°51.73′

No ngt ldgs. No public docks; PPR req for private dock tie up; call 419-394-8797.

(8G8) 2 SW UTC-5(-4DT) N40°53.00′ W80°52.99′

RWY 27: Trees. Rgt tfc.

S4 FUEL 100LL NOTAM FILE CLE

RWY 28L: Pole.

3 N UTC-5(-4DT)

LIRL (NSTD)

RWY 28R: Thid dspicd 258'. Trees.

Rwy 10R-28L marked with yellow cones on N side of rwy; rwy ends not marked.

COMMUNICATIONS: CTAF 122.9

COMMUNICATIONS: CTAF 122.9 SALEM AIRPARK INC (38D)

RWY 10L: Trees.

RWY 10R: Trees.

2AWIH

RWY 10L-28R: H3404X50 (ASPH)

COMMUNICATIONS: CTAF/UNICOM 122.7

RADIO AIDS TO NAVIGATION: NOTAM FILE YNG.

Armstrong Wapakoneta Arpts.

NOTAM FILE CLE RWY 09-27: 1850X100 (TURF) RWY 09: P-line.

AIRPORT REMARKS: Attended dalgt hrs. Ldg fee.

RWY 10R-28L: 2593X85 (TURF) 0.4% up E

AKRON-CANTON APP/DEP CON 125.5 (1100-0500Z‡) R CLEVELAND CENTER APP/DEP CON 120.775 (0500-1100Z‡)

KOONS

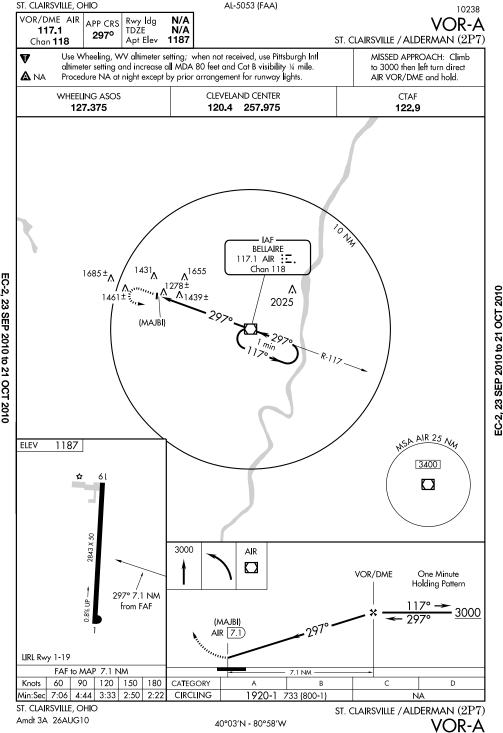
1327

- SALFM

DETROIT L-30G IAP

COMM/NAV/WEATHER REMARKS: Acft operating at Seaplane Base should monitor 122.8 for tfc at Celina Lakefld and Neil

DETROIT



STEUBENVILLE JEFFERSON CO AIRPARK (2G2) 4 W UTC-5(-4DT) N40°21.57′ W80°42.00′ 1196 B FUEL 100LL, JET A NOTAM FILE CLE RWY 14-32: H4400X60 (ASPH) S-7 RWY 32: REIL. AIRPORT REMARKS: Attended 1300-2100Z‡, Fuel Jet A and 100LL avbl 24 hours with credit card. Deer on and invof arpt. Ultralight

OHIO

260

activity on and invof arpt weekday evenings and weekends. ACTIVATE MIRL Rwy 14-32; REIL Rwy 32-CTAF. COMMUNICATIONS: CTAF/UNICOM 122.8 PITTSBURG APP/DEP CON 124 75 RADIO AIDS TO NAVIGATION: NOTAM FILE HLG. WHEELING (L) VOR/DME 112.2 HLG Chan 59 N40°15.60' W80°34.12' 322° 8.5 NM to fld. 1270/07W. SUMIE N39°59 17' W82°45 27' NOTAM FILE DAY

NDB (HW/LOM) 391 CM 281° 6.4 NM to Port Columbus Intl. Unmonitored. **TABEY** N41°34.15′ W81°34.43′ NOTAM FILE BKL. NDB (LOM) 248 BF 245° 5.8 NM to Burke Lakefront, SHUTDOWN.

TIFFIN N41°05.89′ W83°12.46′ NOTAM FILE CLE. NDB (MHW) 269 TII at Seneca Co. NDB unmonitored.

CINCINNATI L-29A DETROIT DETROIT L-28J, 29A **TIFFIN**

SENECA CO (16G) 2 SW UTC-5(-4DT) N41°05.64' W83°12.75' S4 FUEL 100LL, JET A OX 1, 2 NOTAM FILE CLE RWY 06-24: H4000X75 (ASPH) MIRL

DETROIT L-28J, 29A RWY 06: REIL, PAPI(P4L)-GA 3.0° TCH 38', Tree. RWY 24: REIL. PAPI(P4L)-GA 3.0°TCH 38'. Trees.

AIRPORT REMARKS: Attended 1300Z±-dusk, Fuel available 24 hrs with credit card, Rwy 06 PAPI unusable byd 5° left of centerline. Rwy 24 VASI unusable byd 5° left of centerline. ACTIVATE MIRL Rwy 06-24; REIL and PAPI Rwy 06 and Rwy 24-CTAF. WEATHER DATA SOURCES: AWOS-3 121.175 (419) 443-1043.

COMMUNICATIONS: CTAF/UNICOM 123.0 (R) TOLEDO APP/DEP CON 120.8

RADIO AIDS TO NAVIGATION: NOTAM FILE FDY.

FINDLAY (L) VORTAC 108.2 FDY Chan 19 N40°57.32′ W83°45.36′ 073° 26.0 NM to fld. 820/2W. TIFFIN NDB (MHW) 269 TII N41°05.89' W83°12.46' at fld. NOTAM FILE CLE. NDB unmonitored.

DETROIT

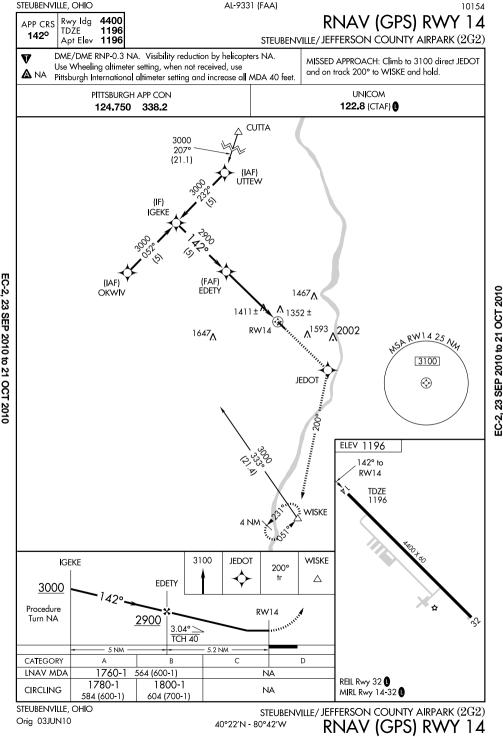
DETROIT

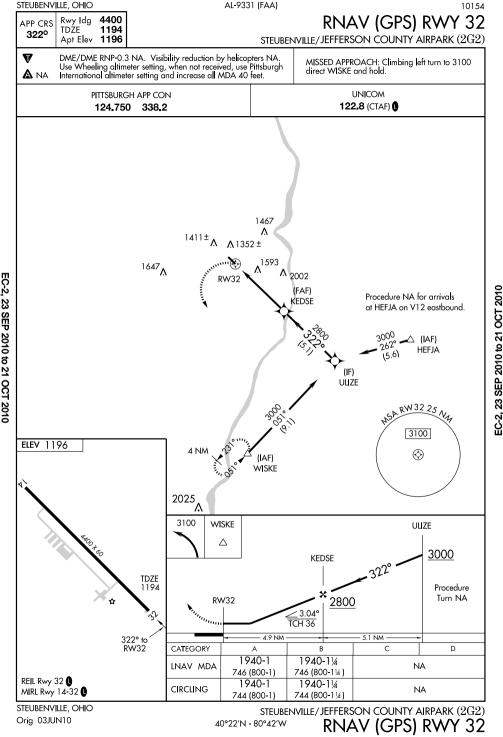
L-29B IAP

IAP

I-29A

TIVERTON N40°27.48′ W82°07.61′ NOTAM FILE CLE. (I) VOR/DMF 116.5 TVT Chan 112 062° 9.2 NM to Holmes Co. 1.340/3W





STEUBENVILLE JEFFERSON CO AIRPARK (2G2) 4 W UTC-5(-4DT) N40°21.57′ W80°42.00′ 1196 B FUEL 100LL, JET A NOTAM FILE CLE RWY 14-32: H4400X60 (ASPH) S-7 RWY 32: REIL. AIRPORT REMARKS: Attended 1300-2100Z‡, Fuel Jet A and 100LL avbl 24 hours with credit card. Deer on and invof arpt. Ultralight

OHIO

activity on and invof arpt weekday evenings and weekends. ACTIVATE MIRL Rwy 14-32; REIL Rwy 32-CTAF. COMMUNICATIONS: CTAF/UNICOM 122.8 PITTSBURG APP/DEP CON 124 75 RADIO AIDS TO NAVIGATION: NOTAM FILE HLG. WHEELING (L) VOR/DME 112.2 HLG Chan 59 N40°15.60' W80°34.12' 322° 8.5 NM to fld. 1270/07W. SUMIE N39°59 17' W82°45 27' NOTAM FILE DAY CINCINNATI

NDB (HW/LOM) 391 CM 281° 6.4 NM to Port Columbus Intl. Unmonitored. **TABEY** N41°34.15′ W81°34.43′ NOTAM FILE BKL. NDB (LOM) 248 BF 245° 5.8 NM to Burke Lakefront, SHUTDOWN. **TIFFIN** N41°05.89′ W83°12.46′ NOTAM FILE CLE.

L-29A DETROIT DETROIT

NDB (MHW) 269 TII at Seneca Co. NDB unmonitored. L-28J, 29A

SENECA CO (16G) 2 SW UTC-5(-4DT) N41°05.64' W83°12.75'

TIFFIN

S4 FUEL 100LL, JET A OX 1, 2 NOTAM FILE CLE RWY 06-24: H4000X75 (ASPH) MIRL

RWY 06: REIL, PAPI(P4L)-GA 3.0° TCH 38', Tree.

RWY 24: REIL. PAPI(P4L)-GA 3.0°TCH 38'. Trees.

DETROIT L-28J, 29A AIRPORT REMARKS: Attended 1300Z±-dusk, Fuel available 24 hrs with credit card, Rwy 06 PAPI unusable byd 5° left of centerline. Rwy 24 VASI unusable byd 5° left of centerline. ACTIVATE MIRL Rwy 06-24; REIL and PAPI Rwy 06 and Rwy 24-CTAF.

COMMUNICATIONS: CTAF/UNICOM 123.0

260

WEATHER DATA SOURCES: AWOS-3 121.175 (419) 443-1043. (R) TOLEDO APP/DEP CON 120.8 RADIO AIDS TO NAVIGATION: NOTAM FILE FDY. FINDLAY (L) VORTAC 108.2 FDY Chan 19 N40°57.32′ W83°45.36′ 073° 26.0 NM to fld. 820/2W.

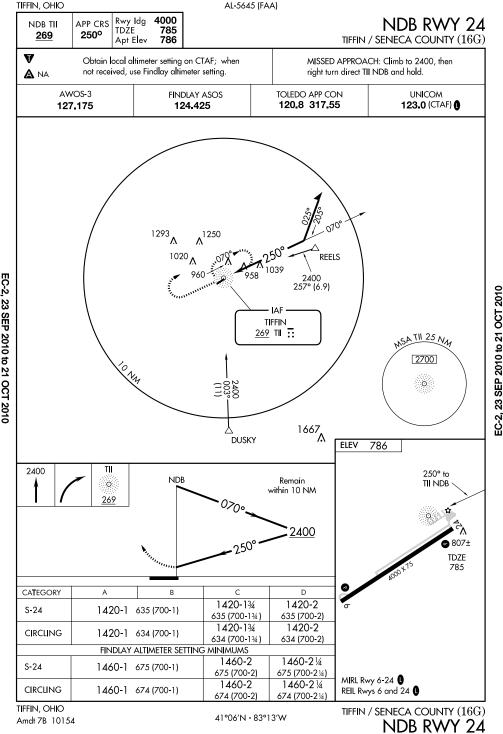
TIFFIN NDB (MHW) 269 TII N41°05.89' W83°12.46' at fld. NOTAM FILE CLE. NDB unmonitored. TIVERTON N40°27.48′ W82°07.61′ NOTAM FILE CLE. (I) VOR/DMF 116.5 TVT Chan 112 062° 9.2 NM to Holmes Co. 1.340/3W

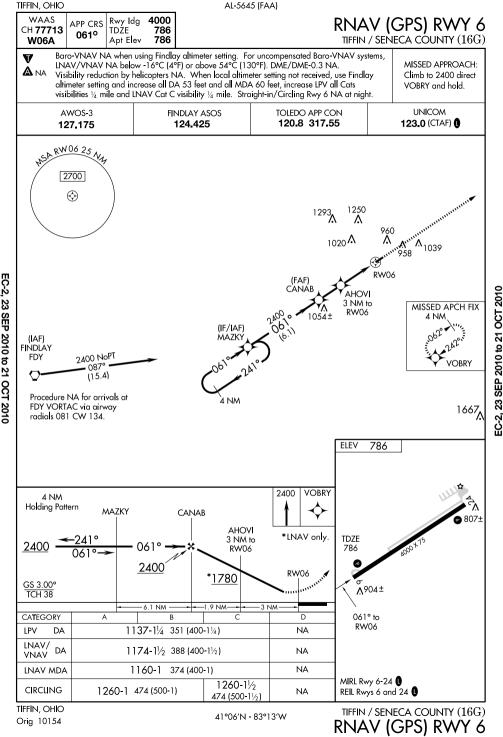
DETROIT I-29A

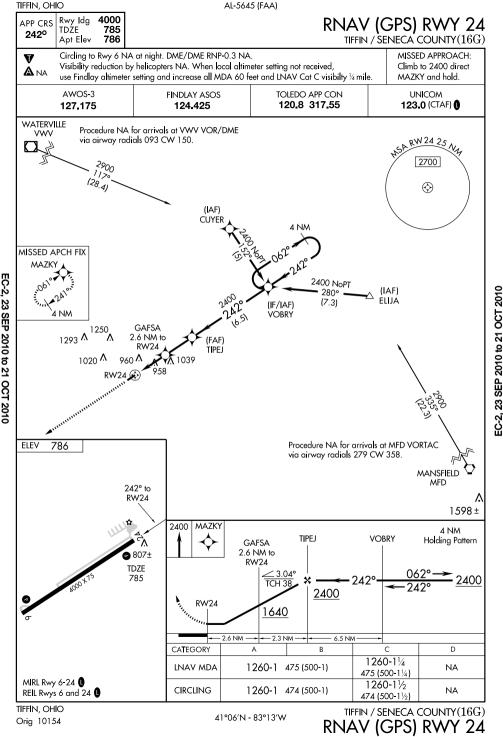
IAP

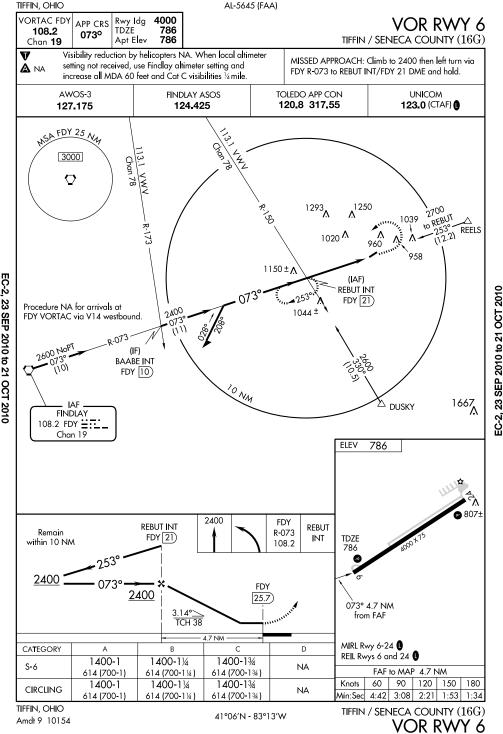
DETROIT

L-29B IAP









OHIO 261

TOLEDO

METCALF FLD (TDZ) 6 SE UTC-5(-4DT) N41°33.90′ W83°28.93′ S4 FUEL 100LL, JET A OX 1, 3 NOTAM FILE TDZ

RWY 32: VASI(V4L)—GA 3.0° TCH 43', Thid dspicd 587', Road.

RWY 14: REIL, PAPI(P4L)—GA 3.0° TCH 34', Thid dspicd 578',

RWY 04-22: H3799X75 (ASPH) S-63, D-85, 2S-107 MIRL RWY 04: REIL. PAPI(P4L)-GA 3.0° TCH 30'. Thid dspicd 100'. Road

RWY 14-32: H5829X100 (ASPH-GRVD) S-63, D-85, 2S-107

RWY 22: REIL, PAPI(P4L)—GA 3.0° TCH 25', Thid dspicd 380'. Railroad

RUNWAY DECLARED DISTANCE INFORMATION ASDA 5242

RWY 14: TORA 4600 TODA 4600

RWY 32: TORA 5268 TODA 5268 ASDA 5268 AIRPORT REMARKS: Attended Mon-Fri continuously, Sat-Sun 1300-0100Z‡. Parallel twy Rwy 04-22 and Rwy 14-32 35' wide.

Seagulls on and invof arpt. Ldg fee. ACTIVATE MIRL Rwy 04-22 and Rwy 14-32, REIL and PAPI Rwy 04, Rwy 22, Rwy 14 and VASI

WEATHER DATA SOURCES: ASOS 121.575 (419) 838-5034. COMMUNICATIONS: CTAF/UNICOM 123.05

(R) TOLEDO APP/DEP CON 126.1 **CLNC DEL** 125.6

RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

WATERVILLE (L) VOR/DME 113.1 VWV Chan 78 N41°27.09′ W83°38.32′

048° 9.8 NM to fld. 660/2W. TOLEDO EXPRESS (TOL) 10 W UTC-5(-4DT) N41°35,21′ W83°48,47′

LDA 4680

LDA 4680

0.3% up.

S4 FUEL 100LL, JET A OX 3 LRA Class I, ARFF Index B NOTAM FILE TOL RWY 07-25: H10599X150 (ASPH-GRVD) S-100, D-174, 2S-175, 2D-300, 2D/2D2-550 HIRL

RWY 25: MALSR. VASI(V4L)—GA 3.0° TCH 51'. Trees. RWY 16-34: H5599X150 (ASPH-GRVD) S-100, D-174, 2S-175,

2D-300 MIRL

RWY 16: REIL. PAPI(P4L)-GA 3.0° TCH 48'. Trees.

RWY 34- RFII

RUNWAY DECLARED DISTANCE INFORMATION

RWY 07: ALSF2, TDZL, Trees.

RWY 07: TORA 10599 TODA 10599 ASDA 10599 LDA 10599

ASDA 5599

RWY 16: TORA 5599 TODA 5599

LDA 5599 RWY 25: TORA 10599 TODA 10599 ASDA 10599 LDA 10599

RWY 34: TORA 5599 TODA 5599 ASDA 5599 LDA 5599 ARRESTING GEAR/SYSTEM RWY 07 ←BAK-12 BAK-12 → RWY 25 AIRPORT REMARKS: Attended continuously. Fuel and syc avbl

1300-0500Z‡, Birds and deer on and invof arpt, Twy A west of Rwy 16 and the ramp between Twy B9 and B13 not visible from twr. Customs: Sat-Sun reg must be made prior to 2200Z‡ on Fri,

phone 419-259-6424. WEATHER DATA SOURCES: ASOS (419) 865-8351.

(R) APP/DEP CON 126.1 (360°-179°) 134.35 (180°-359°) 123.975

TOWER 118.1 GND CON 121.9 **CLNC DEL** 121.75

AIRSPACE: CLASS C svc continuous ctc APP CON

COMMUNICATIONS: ATIS 118.75 UNICOM 122.95

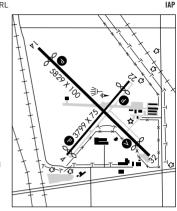
RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

ASR

WATERVILLE (L) VOR/DME 113.1 VWV Chan 78 N41°27.09′ W83°38.32′ 319° 11.1 NM to fld. 664/2W. TOPHR NDB (LOM) 219 TO N41°33,21′ W83°55,27′ 074° 5.5 NM to fld. Unmonitored, NOTAM FILE TOL.

Rwv 07. Class IE. LOM TOPHR NDB. ILS 109.7. I-TOL

ILS 108.7 I-BQE Rwy 25. Class IA. LOC unusable 0.4 NM inbound. ILS unmonitored when twr clsd.



(A) (3) 15 10599 X

(CICICS

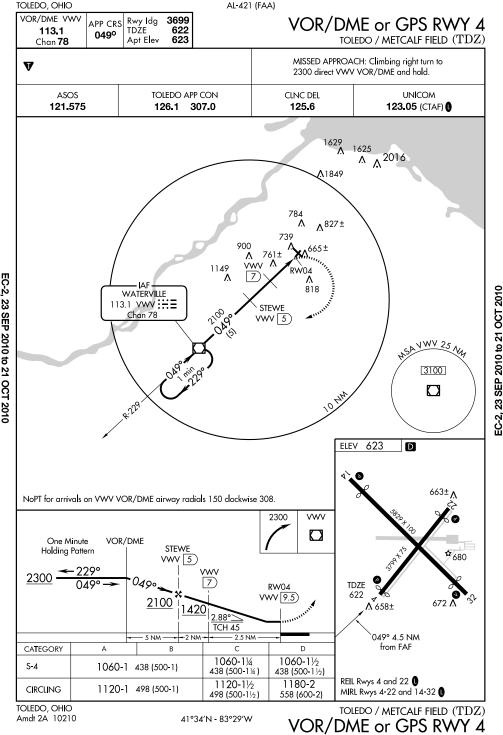
DETROIT

DETROIT

IAP. AD

H-10G I-28I

H-10G, L-28J

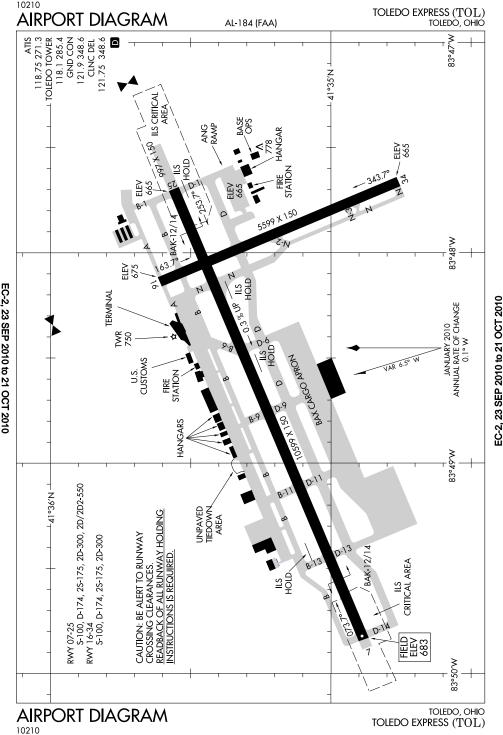


Amdt 9B 10210

EC-2, 23 SEP 2010 to 21 OCT 2010

TOLEDO/METCALF FIELD (TDZ)

VOR RWY 4



OHIO 261

TOLEDO

METCALF FLD (TDZ) 6 SE UTC-5(-4DT) N41°33.90′ W83°28.93′ S4 FUEL 100LL, JET A OX 1, 3 NOTAM FILE TDZ

RWY 32: VASI(V4L)—GA 3.0° TCH 43', Thid dspicd 587', Road.

RWY 14: REIL, PAPI(P4L)—GA 3.0° TCH 34', Thid dspicd 578',

RWY 04-22: H3799X75 (ASPH) S-63, D-85, 2S-107 MIRL RWY 04: REIL. PAPI(P4L)-GA 3.0° TCH 30'. Thid dspicd 100'. Road

RWY 14-32: H5829X100 (ASPH-GRVD) S-63, D-85, 2S-107

RWY 22: REIL, PAPI(P4L)—GA 3.0° TCH 25', Thid dspicd 380'. Railroad

RUNWAY DECLARED DISTANCE INFORMATION ASDA 5242

RWY 14: TORA 4600 TODA 4600

RWY 32: TORA 5268 TODA 5268 ASDA 5268 AIRPORT REMARKS: Attended Mon-Fri continuously, Sat-Sun 1300-0100Z‡. Parallel twy Rwy 04-22 and Rwy 14-32 35' wide.

Seagulls on and invof arpt. Ldg fee. ACTIVATE MIRL Rwy 04-22 and Rwy 14-32, REIL and PAPI Rwy 04, Rwy 22, Rwy 14 and VASI

WEATHER DATA SOURCES: ASOS 121.575 (419) 838-5034. COMMUNICATIONS: CTAF/UNICOM 123.05

(R) TOLEDO APP/DEP CON 126.1 **CLNC DEL** 125.6

RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

WATERVILLE (L) VOR/DME 113.1 VWV Chan 78 N41°27.09′ W83°38.32′

048° 9.8 NM to fld. 660/2W. TOLEDO EXPRESS (TOL) 10 W UTC-5(-4DT) N41°35,21′ W83°48,47′

LDA 4680

LDA 4680

0.3% up.

S4 FUEL 100LL, JET A OX 3 LRA Class I, ARFF Index B NOTAM FILE TOL RWY 07-25: H10599X150 (ASPH-GRVD) S-100, D-174, 2S-175, 2D-300, 2D/2D2-550 HIRL

RWY 25: MALSR. VASI(V4L)—GA 3.0° TCH 51'. Trees. RWY 16-34: H5599X150 (ASPH-GRVD) S-100, D-174, 2S-175,

2D-300 MIRL

RWY 16: REIL. PAPI(P4L)-GA 3.0° TCH 48'. Trees.

RWY 34- RFII

RUNWAY DECLARED DISTANCE INFORMATION

RWY 07: ALSF2, TDZL, Trees.

RWY 07: TORA 10599 TODA 10599 ASDA 10599 LDA 10599

ASDA 5599

RWY 16: TORA 5599 TODA 5599

LDA 5599 RWY 25: TORA 10599 TODA 10599 ASDA 10599 LDA 10599

RWY 34: TORA 5599 TODA 5599 ASDA 5599 LDA 5599 ARRESTING GEAR/SYSTEM RWY 07 ←BAK-12 BAK-12 → RWY 25 AIRPORT REMARKS: Attended continuously, Fuel and syc avbl

1300-0500Z‡, Birds and deer on and invof arpt, Twy A west of Rwy 16 and the ramp between Twy B9 and B13 not visible from twr. Customs: Sat-Sun reg must be made prior to 2200Z‡ on Fri,

phone 419-259-6424. WEATHER DATA SOURCES: ASOS (419) 865-8351.

(R) APP/DEP CON 126.1 (360°-179°) 134.35 (180°-359°) 123.975

TOWER 118.1 GND CON 121.9 **CLNC DEL** 121.75

AIRSPACE: CLASS C svc continuous ctc APP CON

COMMUNICATIONS: ATIS 118.75 UNICOM 122.95

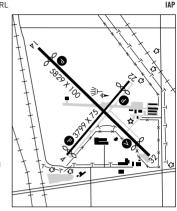
RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

ASR

WATERVILLE (L) VOR/DME 113.1 VWV Chan 78 N41°27.09′ W83°38.32′ 319° 11.1 NM to fld. 664/2W. TOPHR NDB (LOM) 219 TO N41°33,21′ W83°55,27′ 074° 5.5 NM to fld. Unmonitored, NOTAM FILE TOL.

Rwv 07. Class IE. LOM TOPHR NDB. ILS 109.7. I-TOL

ILS 108.7 I-BQE Rwy 25. Class IA. LOC unusable 0.4 NM inbound. ILS unmonitored when twr clsd.



(A) (3) 15 10599 X

(CICICS

DETROIT

DETROIT

IAP. AD

H-10G I-28I

H-10G, L-28J

EC-2,

23 SEP 2010 to 21 OCT 2010

S-ILS 7 *

S-LOC 7 **

CIRCLING

Amdt 8 10070

(500-1½) (600-2)717 (800-21/2) TOLEDO EXPRESS TOLEDO, OHIO 41° 35'N-83° 48'W

397

(200-3%)

1080/40

1240-2

(400-34)

200

883/18

1080/24

1180-11/2

(400-1/2)

883/24 200 (200-1/2)

1080/50

397 (400-1)

1400-21/2

1:39

1:19

1:28

EC-2, 23 SEP 2010 to 21 OCT 2010

FAF to LOC MAP 4.4 NM

140 160 180 200

REIL Rwy 16 and 34

2:12 1:53

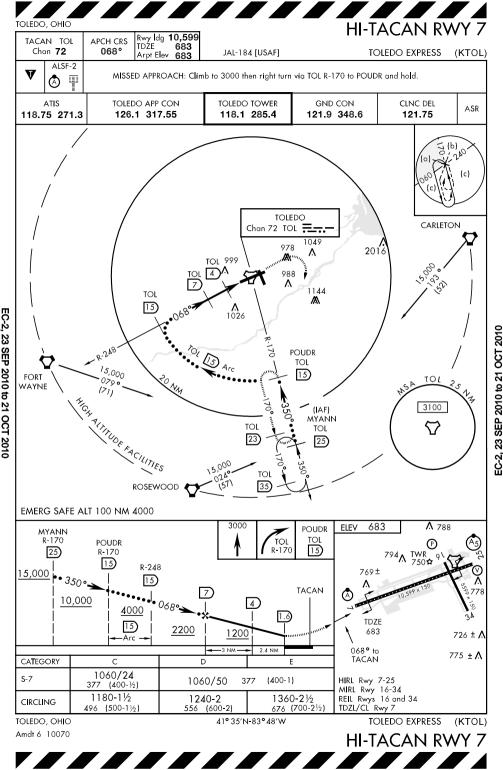
TDZL/CL Rwy 7

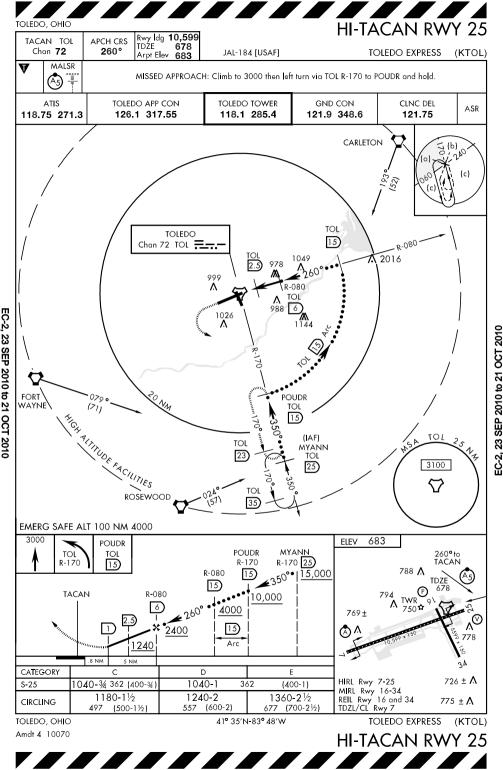
Knots

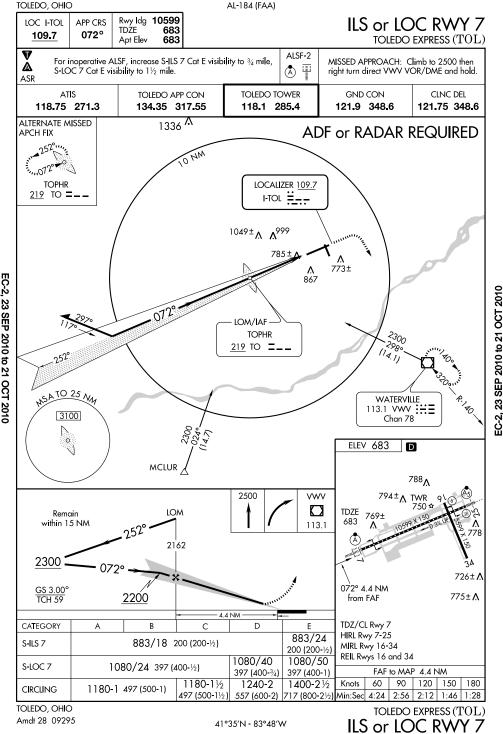
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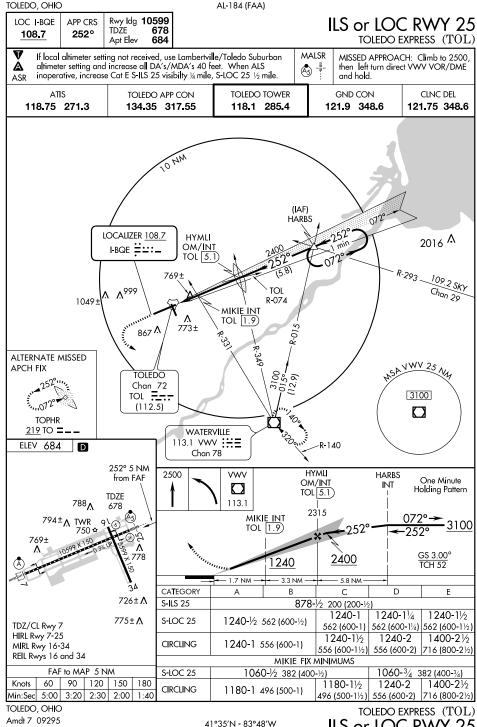
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23 SEP 2010 to 21 OCT 2010





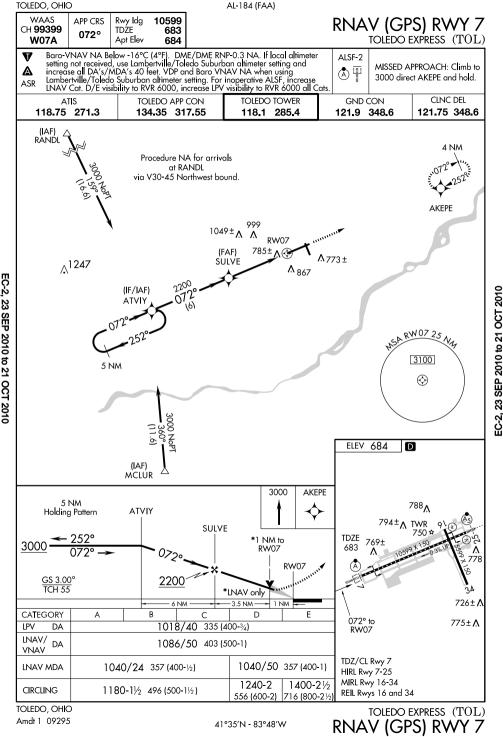


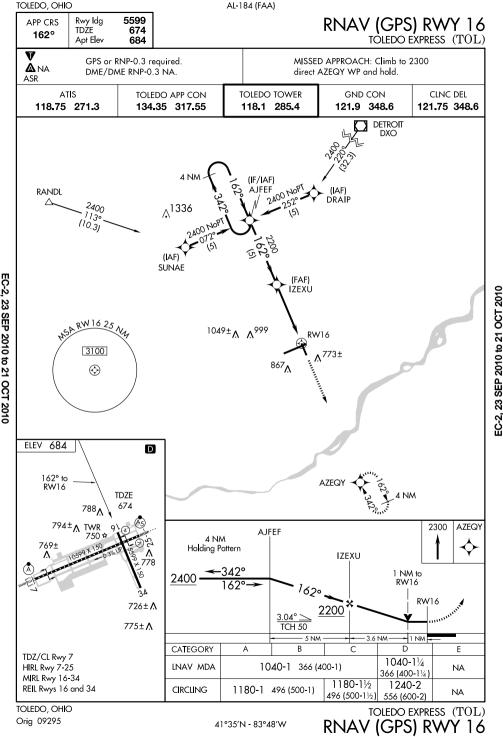


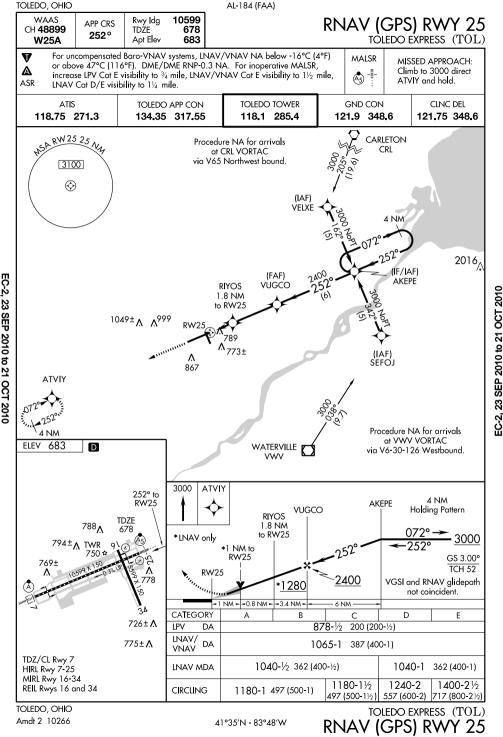
Amdt 7 09295

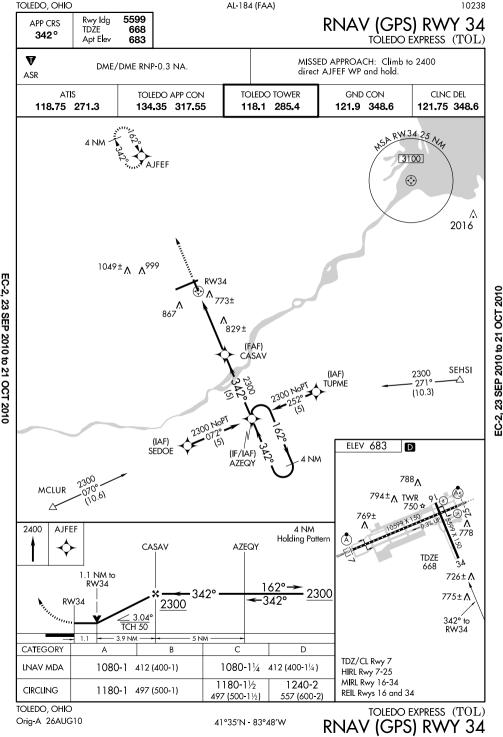
EC-2, 23 SEP 2010 to 21 OCT 2010

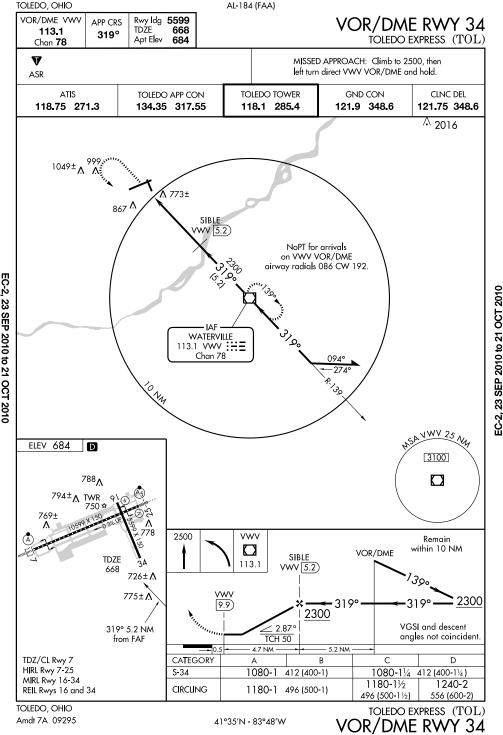
ILS or LOC RW











263 OHIO UPPER SANDUSKY WYANDOT CO (56D) 4 NW UTC-5(-4DT) N40°53.00′ W83°18.87′ DETROIT B NOTAM FILE CLE L-28J. 29A IAP RWY 18-36: H3997X75 (ASPH) S-12.5 MIRL RWY 36: P-line. ୍ର ପ୍ରସ୍ତ AIRPORT REMARKS: Unattended. ACTIVATE MIRL Rwy 18-36-123.050. G G COMMUNICATIONS: CTAF 122.9 81 R MANSFIELD APP/DEP CON 124.2 (1100-0400Z‡) C3 ab R CLEVELAND CENTER APP/DEP CON 135.1 (0400-1100Z‡) €3 ദ്ദ RADIO AIDS TO NAVIGATION: NOTAM FILE FDY. FINDLAY (L) VORTAC 108.2 FDY Chan 19 N40°57.32' W83°45.36' 104° 20.5 NM to fld. 820/2W. 03 03 03 0 0 ദ്ദ 36

URBANA GRIMES FLD (I74) 1 N UTC-5(-4DT) N40°07.96' W83°45.21' TPA-1868(800) NOTAM FILE DAY S2 FUEL 100LL, JET A В RWY 02-20: H4400X100 (ASPH) MIRL RWY 02: REIL. PAPI(P4R), Tree. RWY 20: REIL. PAPI(P4L). Tree. MIRL Rwv 02-20: REIL Rwvs 02 and 20-CTAF.

WEATHER DATA SOURCES: AWOS-3 118.325 (937) 484-5863. COMMUNICATIONS: CTAF/UNICOM 122.7 (R) DAYTON APP/DEP CON 118.425 (360°-090°) RADIO AIDS TO NAVIGATION: NOTAM FILE DAY. ROSEWOOD (H) VORTAC 117.5 ROD Chan 122 N40°17.27′ W84°02.59′ 130° 16.2 NM to fld. 1080/5W.

WELLER (381) 3 SE UTC-5(-4DT) N40°05.47′ W83°41.36′

DETROIT AIRPORT REMARKS: Attended Mon-Fri 1300-2130Z‡, Sat-Sun irregularly. Deer and birds on and invof arpt. ACTIVATE 1150 NOTAM FILE DAY

RWY 09-27: 2534X75 (TURF)

RWY 09: Trees. RWY 27: P-line.

Trees W of twy and S of rwy. COMMUNICATIONS: CTAF/UNICOM 123.0

(VNW)

RWY 09: REIL. PAPI(P4L), P-line.

COMMUNICATIONS: CTAF/UNICOM 123.0

VERSAILLES N40°12.37′ W84°31.36′

RADIO AIDS TO NAVIGATION: NOTAM FILE FWA. FORT WAYNE (H) VORTACW 117.8 FWA

RWY 18-36: 2610X105 (TURF) RWY 18: Thid dspicd 315'. Tree.

RWY 09-27: H4000X75 (ASPH) S-8 MIRL

2 SW UTC-5(-4DT)

FUEL 100LL, JET A TPA-1597(812)

WEATHER DATA SOURCES: AWOS-3 125.175 (419) 232-2967.

VAN WERT CO

L-27E IAP

AIRPORT REMARKS: Attended irregularly. Rwy 09-27 outlined with yellow tires. Trees on both sides of rwy at W end.

DETROIT

DETROIT L-27E

IAP

DETROIT L-27E

NOTAM FILE DAY.

COMM/NAV/WEATHER REMARKS: Approach control sectorization based upon Fort Wayne rwy usage.

NDB (MHW) 356 VES at Darke Co. Unmonitored.

STANLEY NDB (MHW) 411 VFU N40°51.75′ W84°36.83′ at fld. NOTAM FILE DAY.

N40°51.88′ W84°36.57′

NOTAM FILE DAY

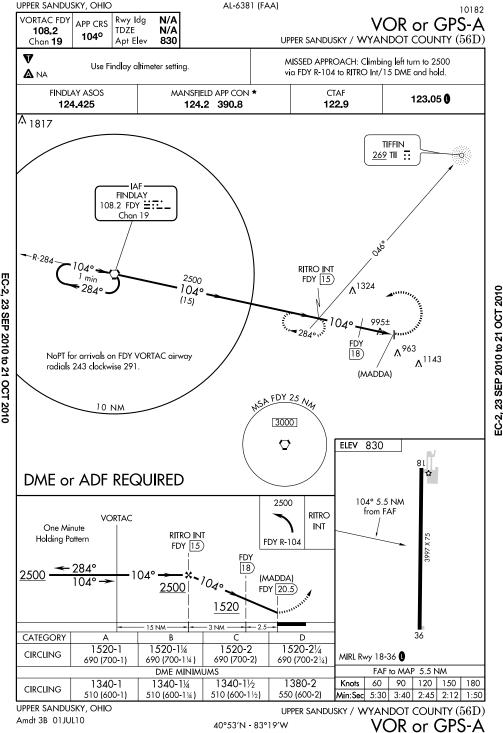
RWY 27: REIL. PAPI(P4L), Trees.

RWY 36: Thid dsplcd 510'. P-line. AIRPORT REMARKS: Attended Apr-Oct Mon-Sat 1400-2300Z‡, Sun by prior arrangement, Nov-Mar Mon-Sat

conditions. Rwy 09 REIL OTS indef. Rwy 18 and Rwy 36 dsplcd thld marked with white L-shaped 2'×6' concrete pads. Major airframe repairs. ACTIVATE MIRL Rwy 09-27 and REIL and PAPI Rwy 09 and Rwy 27-CTAF. R FORT WAYNE APP/DEP CON 132.15 (SE-NE of active rwy) 127.2 (SW-NW of active rwy)

Chan 125 N40°58.74′ W85°11.28′

1500-2200Z‡, Sun 1700-2300Z‡. Parachute Jumping. Ultralights opr evenings, weekends and in no-wind 104° 27.2 NM to fld. 793/00E.



263 OHIO UPPER SANDUSKY WYANDOT CO (56D) 4 NW UTC-5(-4DT) N40°53.00′ W83°18.87′ DETROIT B NOTAM FILE CLE L-28J. 29A IAP RWY 18-36: H3997X75 (ASPH) S-12.5 MIRL RWY 36: P-line. ୍ର ପ୍ରସ୍ତ AIRPORT REMARKS: Unattended. ACTIVATE MIRL Rwy 18-36-123.050. G G COMMUNICATIONS: CTAF 122.9 81 R MANSFIELD APP/DEP CON 124.2 (1100-0400Z‡) C3 ab R CLEVELAND CENTER APP/DEP CON 135.1 (0400-1100Z‡) €3 ദ്ദ RADIO AIDS TO NAVIGATION: NOTAM FILE FDY. FINDLAY (L) VORTAC 108.2 FDY Chan 19 N40°57.32' W83°45.36' 104° 20.5 NM to fld. 820/2W. 03 03 03 0 0 ദ്ദ 36 URBANA

GRIMES FLD (I74) 1 N UTC-5(-4DT) N40°07.96' W83°45.21' DETROIT TPA-1868(800) NOTAM FILE DAY S2 FUEL 100LL, JET A В RWY 02-20: H4400X100 (ASPH) MIRL RWY 02: REIL. PAPI(P4R), Tree. RWY 20: REIL. PAPI(P4L). Tree.

MIRL Rwv 02-20: REIL Rwvs 02 and 20-CTAF. WEATHER DATA SOURCES: AWOS-3 118.325 (937) 484-5863. COMMUNICATIONS: CTAF/UNICOM 122.7 (R) DAYTON APP/DEP CON 118.425 (360°-090°) RADIO AIDS TO NAVIGATION: NOTAM FILE DAY. ROSEWOOD (H) VORTAC 117.5 ROD Chan 122 N40°17.27′ W84°02.59′ 130° 16.2 NM to fld. 1080/5W.

WELLER (381) 3 SE UTC-5(-4DT) N40°05.47′ W83°41.36′

L-27E IAP AIRPORT REMARKS: Attended Mon-Fri 1300-2130Z‡, Sat-Sun irregularly. Deer and birds on and invof arpt. ACTIVATE DETROIT 1150 NOTAM FILE DAY RWY 09-27: 2534X75 (TURF)

RWY 09: Trees. RWY 27: P-line.

AIRPORT REMARKS: Attended irregularly. Rwy 09-27 outlined with yellow tires. Trees on both sides of rwy at W end. Trees W of twy and S of rwy.

COMMUNICATIONS: CTAF/UNICOM 123.0

VAN WERT CO (VNW) 2 SW UTC-5(-4DT) N40°51.88′ W84°36.57′ FUEL 100LL, JET A TPA-1597(812) NOTAM FILE DAY

RWY 09-27: H4000X75 (ASPH) S-8 MIRL

RWY 09: REIL. PAPI(P4L), P-line. RWY 27: REIL. PAPI(P4L), Trees.

DETROIT L-27E IAP RWY 18-36: 2610X105 (TURF) RWY 18: Thid dspicd 315'. Tree. RWY 36: Thid dsplcd 510'. P-line. AIRPORT REMARKS: Attended Apr-Oct Mon-Sat 1400-2300Z‡, Sun by prior arrangement, Nov-Mar Mon-Sat

1500-2200Z‡, Sun 1700-2300Z‡. Parachute Jumping. Ultralights opr evenings, weekends and in no-wind

conditions. Rwy 09 REIL OTS indef. Rwy 18 and Rwy 36 dsplcd thld marked with white L-shaped 2'×6' concrete pads. Major airframe repairs. ACTIVATE MIRL Rwy 09-27 and REIL and PAPI Rwy 09 and Rwy 27-CTAF. WEATHER DATA SOURCES: AWOS-3 125.175 (419) 232-2967. COMMUNICATIONS: CTAF/UNICOM 123.0

R FORT WAYNE APP/DEP CON 132.15 (SE-NE of active rwy) 127.2 (SW-NW of active rwy)

RADIO AIDS TO NAVIGATION: NOTAM FILE FWA. FORT WAYNE (H) VORTACW 117.8 FWA Chan 125 N40°58.74′ W85°11.28′ 104° 27.2 NM to fld. 793/00E. STANLEY NDB (MHW) 411 VFU N40°51.75′ W84°36.83′ at fld. NOTAM FILE DAY.

COMM/NAV/WEATHER REMARKS: Approach control sectorization based upon Fort Wayne rwy usage. **VERSAILLES** N40°12.37′ W84°31.36′ NOTAM FILE DAY. DETROIT NDB (MHW) 356 VES at Darke Co. Unmonitored. L-27E

URBANA, OHIO AL-6706 (FAA) 10266 WAAS 4400 Rwy Idg RNAV (GPS) RWY 2 APP CRS CH **53719** 1068 TDZE 022° URBANA / GRIMES FIELD (174) W02A 1068 Apt Elev Baro-VNAV NA when using Springfield altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Visibility MISSED APPROACH reduction by helicopters NA. When local altimeter setting not received, use Springfield altimeter Climb to 3000 direct setting and increase all DA 44 feet, all MDA 60 feet, increase LNAV/VNAV all Cats visibility HIRID and hold. ¼ mile. VDP NA with Springfield altimeter setting. AWOS-3 DAYTON APP CON UNICOM 118.425 294.5 122.7 (CTAF) 0 118.325 ∧¹⁶³⁰ MISSED APCH FIX 4 NM ۸^{1581±} Λ^{1418±} **RW02** Λ^{1590 ±} 249 WANIS 2.4 NM to Procedure NA for arrivals at TRUNC RW02 on V12 westbound. EC-2, 23 SEP 2010 to 21 OCT 2010 1495 (FAF) **TRUNC** ŘIKOÉ 4000 1805 1150 (11.8) 4000 NOPT RW02 25 Ny (IAF) ÖREXE (5) 4000 NOPT (IAF) 2900 PENOE (IF/IAF) (5) SEBUE \Diamond ELEV 1068 118.9 ح0 3000 HIRID 4 NM *LNAV only **SEBUE** Holding Pattern **RIKOE** WANIS 3000 4000 2.4 NM to RW02 *1.3 NM to RW02 RW02 GS 3.00° 3000 *1860 TCH 44 6.1 NM 3.5 NM **TDZE** CATEGORY Α 1068 LPV DA 1318-1 250 (300-1) NA LNAV/ 1501-11/2 433 (500-11/2) NA DA 022° to VNAV **RW02** 1500-11/4 LNAV MDA 1500 - 1432 (500-1) NA 432 (500-11/4) MIRL Rwy 2-20 (1580-11/2 CIRCLING 1580 - 1512 (600-1) NA REIL Rwys 2 and 20 (512 (600-11/2)

URBANA, OHIO Amdt 1 23SEP10

URBANA / GRIMES FIELD (I74)RNAV (GPS) RWY 2

URBANA, OHIO AL-6706 (FAA) 10266 WAAS Rwy Idg 4400 RNAV (GPS) RWY 20 APP CRS CH **78419** TDŹE 1068

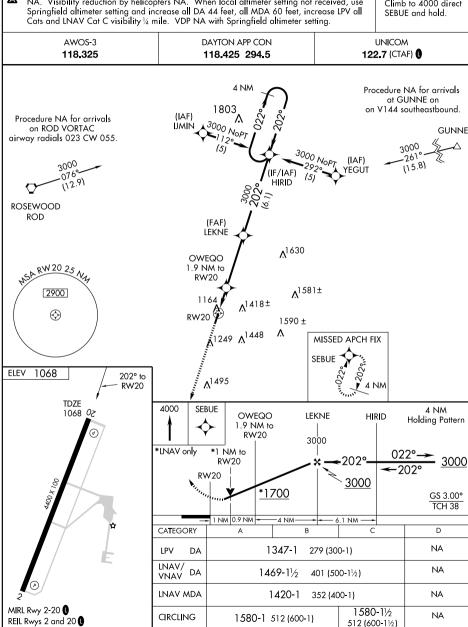
202° W20A Apt Elev V

URBANA / GRIMES FIELD (174)

1068 Baro-VNAV NA when using Springfield altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 54°C (130°F). DME/DME RNP-0.3 MISSED APPROACH: NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Climb to 4000 direct

SEBUE and hold.

EC-2, 23 SEP 2010 to 21 OCT 2010



URBANA, OHIO Amdt 1 23SEP10

EC-2, 23 SEP 2010 to 21 OCT 2010

URBANA / GRIMES FIELD (I74)RNAV (GPS) RWY 20

EC-2, 23 SEP 2010 to 21 OCT 2010

263 OHIO UPPER SANDUSKY WYANDOT CO (56D) 4 NW UTC-5(-4DT) N40°53.00′ W83°18.87′ DETROIT B NOTAM FILE CLE L-28J. 29A IAP RWY 18-36: H3997X75 (ASPH) S-12.5 MIRL RWY 36: P-line. ୍ର ପ୍ରସ୍ତ AIRPORT REMARKS: Unattended. ACTIVATE MIRL Rwy 18-36-123.050. G G COMMUNICATIONS: CTAF 122.9 81 R MANSFIELD APP/DEP CON 124.2 (1100-0400Z‡) C3 ab R CLEVELAND CENTER APP/DEP CON 135.1 (0400-1100Z‡) €3 ദ്ദ RADIO AIDS TO NAVIGATION: NOTAM FILE FDY. FINDLAY (L) VORTAC 108.2 FDY Chan 19 N40°57.32' W83°45.36' 104° 20.5 NM to fld. 820/2W. 03 03 03 0 0 ദ്ദ 36 URBANA

GRIMES FLD (I74) 1 N UTC-5(-4DT) N40°07.96' W83°45.21' DETROIT TPA-1868(800) NOTAM FILE DAY S2 FUEL 100LL, JET A В RWY 02-20: H4400X100 (ASPH) MIRL RWY 02: REIL. PAPI(P4R), Tree. RWY 20: REIL. PAPI(P4L). Tree.

MIRL Rwv 02-20: REIL Rwvs 02 and 20-CTAF. WEATHER DATA SOURCES: AWOS-3 118.325 (937) 484-5863. COMMUNICATIONS: CTAF/UNICOM 122.7 (R) DAYTON APP/DEP CON 118.425 (360°-090°) RADIO AIDS TO NAVIGATION: NOTAM FILE DAY. ROSEWOOD (H) VORTAC 117.5 ROD Chan 122 N40°17.27′ W84°02.59′ 130° 16.2 NM to fld. 1080/5W.

WELLER (381) 3 SE UTC-5(-4DT) N40°05.47′ W83°41.36′

L-27E IAP AIRPORT REMARKS: Attended Mon-Fri 1300-2130Z‡, Sat-Sun irregularly. Deer and birds on and invof arpt. ACTIVATE DETROIT 1150 NOTAM FILE DAY RWY 09-27: 2534X75 (TURF)

RWY 09: Trees. RWY 27: P-line.

AIRPORT REMARKS: Attended irregularly. Rwy 09-27 outlined with yellow tires. Trees on both sides of rwy at W end. Trees W of twy and S of rwy.

COMMUNICATIONS: CTAF/UNICOM 123.0

VAN WERT CO (VNW) 2 SW UTC-5(-4DT) N40°51.88′ W84°36.57′ FUEL 100LL, JET A TPA-1597(812) NOTAM FILE DAY

RWY 09-27: H4000X75 (ASPH) S-8 MIRL

RWY 09: REIL. PAPI(P4L), P-line. RWY 27: REIL. PAPI(P4L), Trees.

DETROIT L-27E IAP RWY 18-36: 2610X105 (TURF) RWY 18: Thid dspicd 315'. Tree. RWY 36: Thid dsplcd 510'. P-line. AIRPORT REMARKS: Attended Apr-Oct Mon-Sat 1400-2300Z‡, Sun by prior arrangement, Nov-Mar Mon-Sat

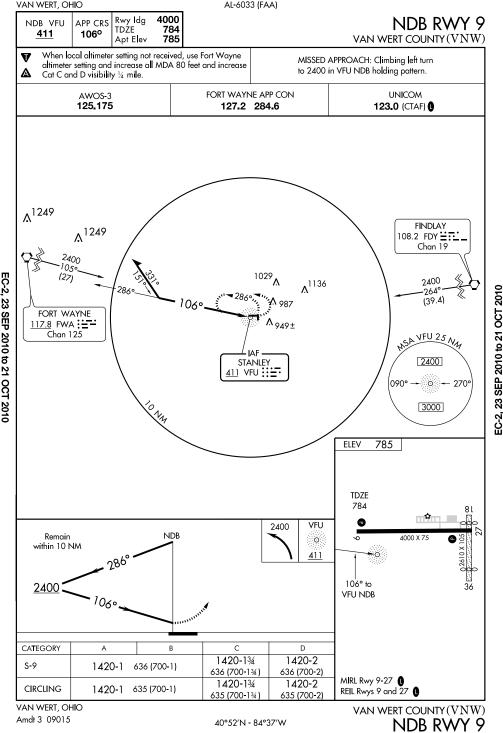
1500-2200Z‡, Sun 1700-2300Z‡. Parachute Jumping. Ultralights opr evenings, weekends and in no-wind

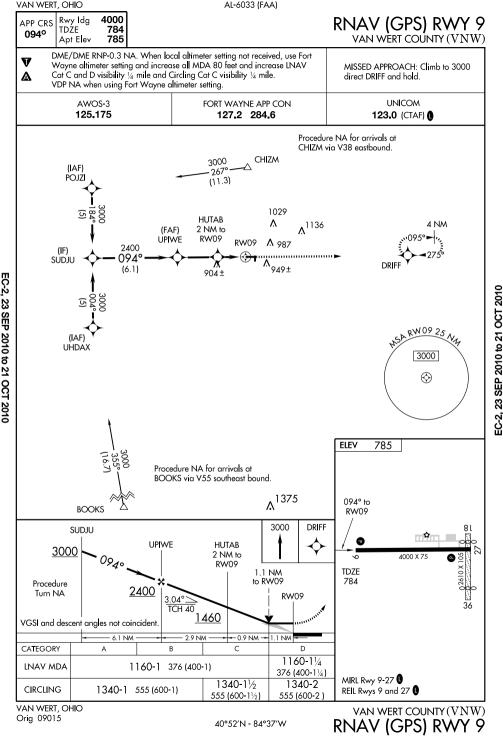
conditions. Rwy 09 REIL OTS indef. Rwy 18 and Rwy 36 dsplcd thld marked with white L-shaped 2'×6' concrete pads. Major airframe repairs. ACTIVATE MIRL Rwy 09-27 and REIL and PAPI Rwy 09 and Rwy 27-CTAF. WEATHER DATA SOURCES: AWOS-3 125.175 (419) 232-2967. COMMUNICATIONS: CTAF/UNICOM 123.0

R FORT WAYNE APP/DEP CON 132.15 (SE-NE of active rwy) 127.2 (SW-NW of active rwy)

RADIO AIDS TO NAVIGATION: NOTAM FILE FWA. FORT WAYNE (H) VORTACW 117.8 FWA Chan 125 N40°58.74′ W85°11.28′ 104° 27.2 NM to fld. 793/00E. STANLEY NDB (MHW) 411 VFU N40°51.75′ W84°36.83′ at fld. NOTAM FILE DAY.

COMM/NAV/WEATHER REMARKS: Approach control sectorization based upon Fort Wayne rwy usage. **VERSAILLES** N40°12.37′ W84°31.36′ NOTAM FILE DAY. DETROIT NDB (MHW) 356 VES at Darke Co. Unmonitored. L-27E





Orig 09015

VAN WERT COUNTY (V.N.W.)
RNAV (GPS) RWY 27

VERSAILLES DARKE CO (VES) 2 SW UTC-5(-4DT) N40°12.27′ W84°31.92′ DETROIT 53 FUEL 100LL, JET A+ NOTAM FILE DAY 1-27F

OHIO

264

RWY 09-27: H4512X75 (ASPH) S-12 5 RWY 09: REIL. PAPI(P2L). Road.

RWY 27: REIL. PAPI(P2L). Acft. AIRPORT REMARKS: Attended dawn-dusk, FBO CLOSED on major

holidays. CAUTION: Deer occasionally on rwy. ACTIVATE MIRL Rwy 09-27: REIL Rwys 09 and 27-CTAF. WEATHER DATA SOURCES: AWOS-3 123.75 (937) 526-3154.

COMMUNICATIONS: CTAF/UNICOM 122.8 (R) DAYTON APP/DEP CON 134.45 (181°-359°)

RADIO AIDS TO NAVIGATION: NOTAM FILE DAY. DAYTON (L) VOR/DME 114.5 DON Chan 92 N40°00.99' W84°23.81' 332° 12.9 NM to fld. 990/1W.

VERSAILLES NDB (MHW) 356 VES N40°12.37′ W84°31.36′ at fld. Unmonitored. OTS indef.

3 G

IAP

DETROIT

(See McARTHUR) WACO FLD (See TROY)

VINTON CO

WADSWORTH

WADSWORTH MUNI

(3G3)FUEL 100LL, JET A1+ RWY 02-20: H3529X75 (ASPH) MIRL

RWY 10: Tree.

AIRPORT REMARKS: Attended 1300-2300Z‡. Arpt unattended all Federal Holidays. No line of sight between rwy 02 and 10. Rwy 10 CLOSED for tkf when wind is less than 15 knots from the E. Gliders use rgt tfc to Rwy 10. CAUTION: Glider activity use Rwy 10-28. Rwy 20 calm rwy blo 4 knots for noise abatement. Avoid

RWY 20: VASI(V2L)-GA 3.5°TCH 48'. P-line. RWY 10-28: H2392X35 (ASPH) 0.4% up E

RWY 02: VASI(V2R)-GA 3.5° TCH 27'. Thid dspicd 129'. Tree.

RWY 28: Thid dsplcd 237'. Tree.

and Rwy 20-CTAF. COMMUNICATIONS: CTAF/UNICOM 122.8 (R) AKRON-CANTON APP/DEP CON 118.6 (1100-0500Z‡) (R) CLEVELAND CENTER APP/DEP CON 134.9 (0500-1100Z‡) RADIO AIDS TO NAVIGATION: NOTAM FILE CAK.

2 SW UTC-5(-4DT) N41°00.19' W81°45.39' DETROIT 1-29B IAP ß C3 Sewage C hospital to the north. ACTIVATE MIRL Rwy 02-20 and VASI Rwy 02 €3 Œ Œ €3 €3 ß **√3**

AKRON (L) VOR/DME 114.4 ACO Chan 91 N41°06.47' W81°12.09' 260° 26 NM to fld. 1194/4W.

COMMUNICATIONS: CTAF/UNICOM 123.05

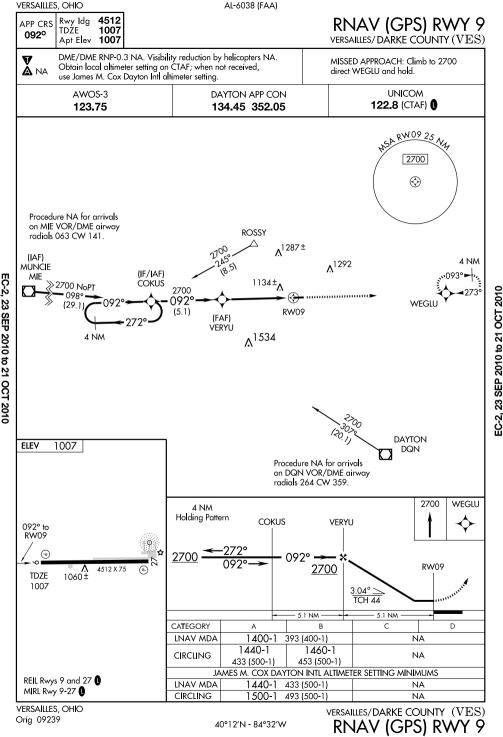
WELTZIEN SKYPARK (15G) 3 W UTC-5(-4DT) N41°01.70' W81°47.91'

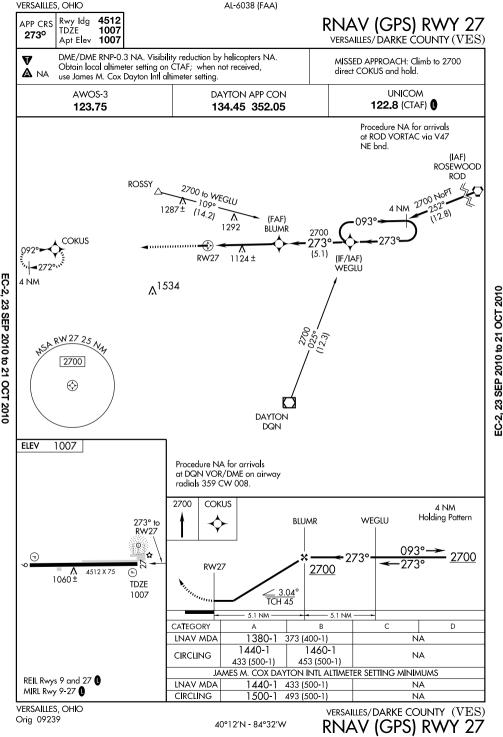
FUEL 80, 100LL TPA-2000(790) NOTAM FILE CLE B S4 RWY 03-21: H2410X37 (ASPH) LIRL(NSTD)

RWY 03: Thid dspicd 178'. Trees. RWY 21: PVASI (PSIL), Thid dsplcd 50', Trees.

NOTAM FILE CLE

AIRPORT REMARKS: Attended continuously. Pavement strength limit to 6500 pounds per arpt manager. Rwy 03-21 no touch and go ldgs. ACTIVATE NSTD LIRL Rwy 03-21-CTAF. Rwy 03-21 NSTD LIRL due to spacing and not FAA approved L-800 series.





VERSAILLES DARKE CO (VES) 2 SW UTC-5(-4DT) N40°12.27′ W84°31.92′ DETROIT 53 FUEL 100LL, JET A+ NOTAM FILE DAY 1-27F

OHIO

264

RWY 09-27: H4512X75 (ASPH) S-12 5 RWY 09: REIL. PAPI(P2L). Road.

RWY 27: REIL. PAPI(P2L). Acft. AIRPORT REMARKS: Attended dawn-dusk, FBO CLOSED on major

holidays. CAUTION: Deer occasionally on rwy. ACTIVATE MIRL Rwy 09-27: REIL Rwys 09 and 27-CTAF. WEATHER DATA SOURCES: AWOS-3 123.75 (937) 526-3154.

COMMUNICATIONS: CTAF/UNICOM 122.8 (R) DAYTON APP/DEP CON 134.45 (181°-359°)

RADIO AIDS TO NAVIGATION: NOTAM FILE DAY. DAYTON (L) VOR/DME 114.5 DON Chan 92 N40°00.99' W84°23.81' 332° 12.9 NM to fld. 990/1W.

VERSAILLES NDB (MHW) 356 VES N40°12.37′ W84°31.36′ at fld. Unmonitored. OTS indef.

3 G

IAP

DETROIT

(See McARTHUR) WACO FLD (See TROY)

VINTON CO

WADSWORTH

WADSWORTH MUNI

(3G3)FUEL 100LL, JET A1+ RWY 02-20: H3529X75 (ASPH) MIRL

RWY 10: Tree.

AIRPORT REMARKS: Attended 1300-2300Z‡. Arpt unattended all Federal Holidays. No line of sight between rwy 02 and 10. Rwy 10 CLOSED for tkf when wind is less than 15 knots from the E. Gliders use rgt tfc to Rwy 10. CAUTION: Glider activity use Rwy 10-28. Rwy 20 calm rwy blo 4 knots for noise abatement. Avoid

RWY 20: VASI(V2L)-GA 3.5°TCH 48'. P-line. RWY 10-28: H2392X35 (ASPH) 0.4% up E

RWY 02: VASI(V2R)-GA 3.5° TCH 27'. Thid dspicd 129'. Tree.

RWY 28: Thid dsplcd 237'. Tree.

and Rwy 20-CTAF. COMMUNICATIONS: CTAF/UNICOM 122.8 (R) AKRON-CANTON APP/DEP CON 118.6 (1100-0500Z‡) (R) CLEVELAND CENTER APP/DEP CON 134.9 (0500-1100Z‡) RADIO AIDS TO NAVIGATION: NOTAM FILE CAK.

2 SW UTC-5(-4DT) N41°00.19' W81°45.39' DETROIT 1-29B IAP ß C3 Sewage C hospital to the north. ACTIVATE MIRL Rwy 02-20 and VASI Rwy 02 €3 Œ Œ €3 €3 ß **√3**

AKRON (L) VOR/DME 114.4 ACO Chan 91 N41°06.47' W81°12.09' 260° 26 NM to fld. 1194/4W.

COMMUNICATIONS: CTAF/UNICOM 123.05

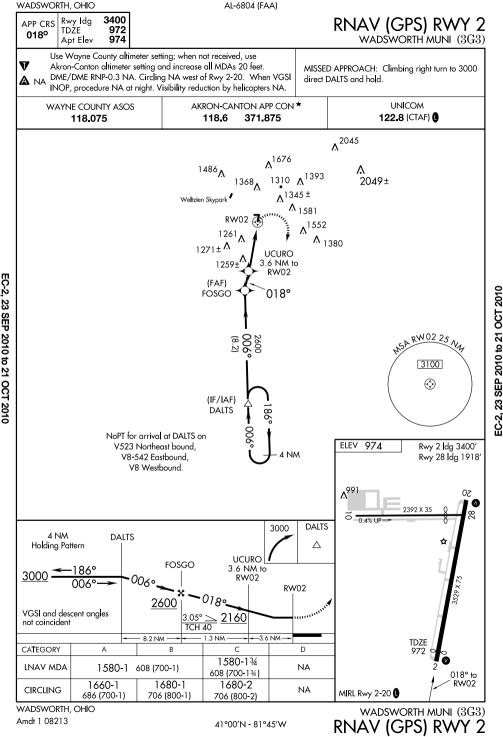
WELTZIEN SKYPARK (15G) 3 W UTC-5(-4DT) N41°01.70' W81°47.91'

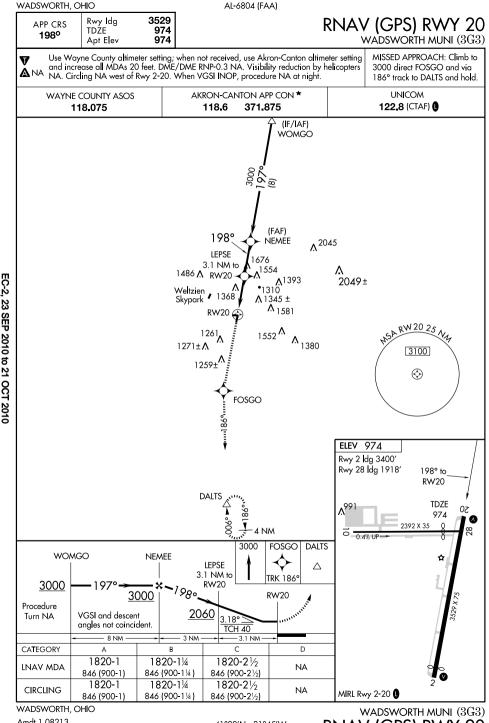
FUEL 80, 100LL TPA-2000(790) NOTAM FILE CLE B S4 RWY 03-21: H2410X37 (ASPH) LIRL(NSTD)

RWY 03: Thid dspicd 178'. Trees. RWY 21: PVASI (PSIL), Thid dsplcd 50', Trees.

NOTAM FILE CLE

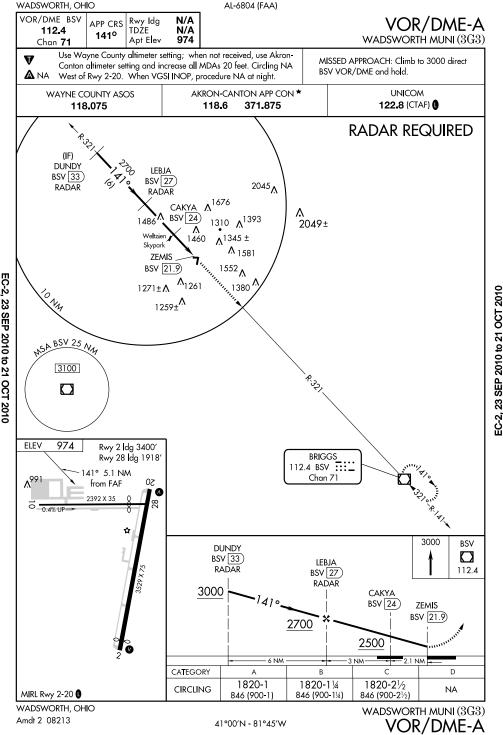
AIRPORT REMARKS: Attended continuously. Pavement strength limit to 6500 pounds per arpt manager. Rwy 03-21 no touch and go ldgs. ACTIVATE NSTD LIRL Rwy 03-21-CTAF. Rwy 03-21 NSTD LIRL due to spacing and not FAA approved L-800 series.





Amdt 1 08213

RNAV (GPS) RWY 20



265 OHIO WAKFMAN (164)3 NE UTC-5(-4DT) N41°17.59' W82°22.24' DETROIT S4 FUEL 100LL NOTAM FILE CLE L-30F

RWY 03-21: H3800X55 (ASPH) LIRL (NSTD) RWY 03: Tree. RWY 21: Trees. 12 3 3 3 AIRPORT REMARKS: Attended Mon-Sat 1300Z±-dusk, Sun 1400Z‡-dusk. ACTIVATE NSTD LIRL Rwy 03-21-CTAF. Rwy 03-21 thid lgts offset, Rwv 03-21 NSTD LIRL, Rwv 21 lgts are located 135' up rwv. COMMUNICATIONS: CTAF/UNICOM 122.8 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

DRYER (H) VOR/DME 113.6 DJB Chan 83 N41°21.48' W82°09.72' 253° 10.2 NM to fld. 780/5W. 43 Œ €3 C3 C3 €3 43 €3 03 03 03 000 €3 ß

WAPAKONETA NEIL ARMSTRONG (AXV) 8 SW UTC-5(-4DT) N40°29.61′ W84°17.89′ DETROIT B S2 FUEL 100LL, JET A1+ OX 3 TPA—1903(990) NOTAM FILE DAY H-10G, L-27E RWY 08-26: H5500X100 (ASPH-GRVD) MIRL IAP RWY 08: Thid dspicd 700'. Trees.

RWY 26: REIL. VASI(V2L)—GA 3.0 TCH 53'. Thid dsplcd 237'. Road. RWY 18-36: 2631X80 (TURF) RWY 18: Thid dsplcd 290'. Road. RWY 36: Trees.

AIRPORT REMARKS: Attended 1300-2200Z‡. Rwy 18-36 CLOSED indef. Rwy 18-36 surface rough and uneven. ACTIVATE MIRL Rwy 08-26 and REIL Rwy 26-122.7. WEATHER DATA SOURCES: AWOS-3 128.325 (419) 753-2821.

COMMUNICATIONS: CTAF/UNICOM 122 8 ROSEWOOD RCO 122.1R 117.5T (DAYTON RADIO) (R) DAYTON APP/DEP CON 118.425 (360°-090°)

RADIO AIDS TO NAVIGATION: NOTAM FILE DAY. ROSEWOOD (H) VORTAC 117.5 ROD Chan 122 N40°17.27′ W84°02.59′ ILS/DME 109.15 I-AXV Chan 28Y Rwv 26.

WARREN (62D) 5 NW UTC-5(-4DT) N41°16.02' W80°55.64' FUEL 100LL NOTAM FILE CLE RWY 04-22: H2907X30 (ASPH) LIRL (NSTD)

RWY 04: Thid dspicd 87'. Trees.

RWY 18-36: 2700X140 (TURF) RWY 18: Trees.

COMMUNICATIONS: CTAF/UNICOM 122.8

WASHINGTON COURT HOUSE

FAYETTE CO (123)

RWY 05: Railroad.

(R) COLUMBUS APP/DEP CON 132.3 134.35 RADIO AIDS TO NAVIGATION: NOTAM FILE FFO. MIDWEST (T) VORW/DME 112.9

unusable 115°-165° bvd 20 NM.

RWY 05-23: H5097X75 (ASPH) S-30, D-40 MIRL WEATHER DATA SOURCES: AWOS-3 118 775 COMMUNICATIONS: CTAF/UNICOM 122.8

RWY 22: Thid dspicd 578'. Trees. RWY 36: Trees. AIRPORT REMARKS: Attended irregularly, ACTIVATE NSTD LIRL Rwy 04-22-123.3, Rwy 04-22 NSTD LIRL; Rwy 04 no rwy end lgts; Rwy 22 dsplcd thld wrong color. Rwy 18 marked with yellow buckets. Rwy 04-22 LIRL OTS indef. 2 NE UTC-5(-4DT) N39°34.23′ W83°25.23′ FUEL 100LL, JET A. MOGAS TPA-1780(800) NOTAM FILE DAY RWY 23: REIL. PAPI(P4L). Railroad. AIRPORT REMARKS: Attended Mon-Sat 1300-2300Z‡. ACTIVATE MIRL Rwy 05-23-CTAF.

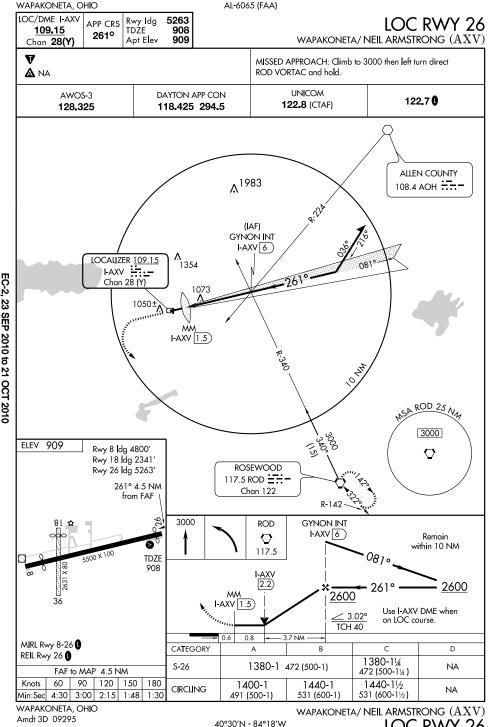
322° 17 NM to fld. 1080/5W. LOC only. ILS OTS indef. DME OTS indef.

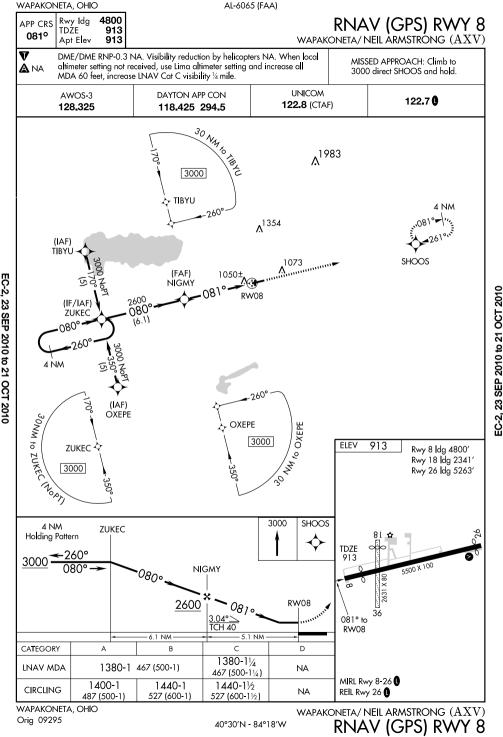
MXQ Chan 76 N39°25.78′ W83°48.07′ 068° 19.6 NM to fld. 1050/4W.

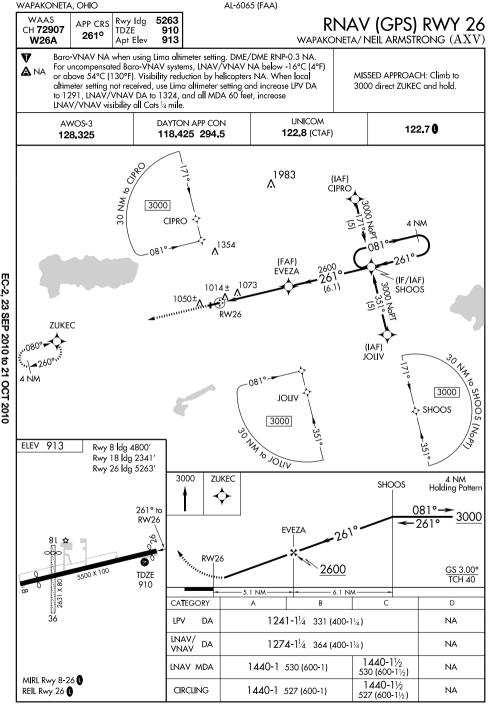
COURT HOUSE NDB (MHW) 414 CSS N39°36.05′ W83°23.50′ 222° 2.3 NM to fld. NOTAM FILE DAY. NDB

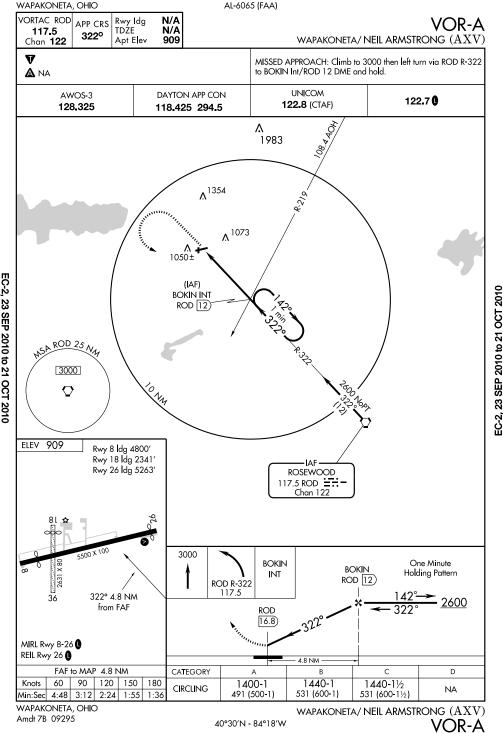
DETROIT CINCINNATI H-10G, L-29A

IAP









265 OHIO WAKFMAN (164)3 NE UTC-5(-4DT) N41°17.59' W82°22.24' DETROIT S4 FUEL 100LL NOTAM FILE CLE L-30F

RWY 03-21: H3800X55 (ASPH) LIRL (NSTD) RWY 03: Tree. RWY 21: Trees. 12 3 3 3 AIRPORT REMARKS: Attended Mon-Sat 1300Z±-dusk, Sun 1400Z‡-dusk. ACTIVATE NSTD LIRL Rwy 03-21-CTAF. Rwy 03-21 thid lgts offset, Rwv 03-21 NSTD LIRL, Rwv 21 lgts are located 135' up rwv. COMMUNICATIONS: CTAF/UNICOM 122.8 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

DRYER (H) VOR/DME 113.6 DJB Chan 83 N41°21.48' W82°09.72' 253° 10.2 NM to fld. 780/5W. 43 Œ €3 C C3 €3 43 €3 03 03 03 000 €3 ß NEIL ARMSTRONG (AXV) 8 SW UTC-5(-4DT) N40°29.61′ W84°17.89′ DETROIT

WAPAKONETA B S2 FUEL 100LL, JET A1+ OX 3 TPA—1903(990) NOTAM FILE DAY H-10G, L-27E RWY 08-26: H5500X100 (ASPH-GRVD) MIRL IAP RWY 08: Thid dspled 700'. Trees.

RWY 26: REIL. VASI(V2L)—GA 3.0 TCH 53'. Thid dsplcd 237'. Road. RWY 18-36: 2631X80 (TURF) RWY 18: Thid dsplcd 290'. Road. RWY 36: Trees.

AIRPORT REMARKS: Attended 1300-2200Z‡. Rwy 18-36 CLOSED indef. Rwy 18-36 surface rough and uneven. ACTIVATE MIRL Rwy 08-26 and REIL Rwy 26-122.7.

WEATHER DATA SOURCES: AWOS-3 128.325 (419) 753-2821.

COMMUNICATIONS: CTAF/UNICOM 122 8 ROSEWOOD RCO 122.1R 117.5T (DAYTON RADIO) (R) DAYTON APP/DEP CON 118.425 (360°-090°)

RADIO AIDS TO NAVIGATION: NOTAM FILE DAY. ROSEWOOD (H) VORTAC 117.5 ROD Chan 122 N40°17.27′ W84°02.59′

WARREN (62D) 5 NW FUEL 100LL NOTAM FILE CLE

ILS/DME 109.15 I-AXV Chan 28Y UTC-5(-4DT) N41°16.02' W80°55.64'

RWY 04-22: H2907X30 (ASPH) LIRL (NSTD) RWY 04: Thid dspicd 87'. Trees.

RWY 18-36: 2700X140 (TURF) RWY 18: Trees. RWY 36: Trees.

AIRPORT REMARKS: Attended irregularly, ACTIVATE NSTD LIRL Rwy 04-22-123.3, Rwy 04-22 NSTD LIRL; Rwy 04 no rwy end lgts; Rwy 22 dsplcd thld wrong color. Rwy 18 marked with yellow buckets. Rwy 04-22 LIRL OTS indef.

COMMUNICATIONS: CTAF/UNICOM 122.8

WASHINGTON COURT HOUSE FAYETTE CO (123)

RWY 05: Railroad.

COMMUNICATIONS: CTAF/UNICOM 122.8

RWY 05-23: H5097X75 (ASPH) S-30, D-40

AIRPORT REMARKS: Attended Mon-Sat 1300-2300Z‡. ACTIVATE MIRL Rwy 05-23-CTAF. WEATHER DATA SOURCES: AWOS-3 118 775 (R) COLUMBUS APP/DEP CON 132.3 134.35 RADIO AIDS TO NAVIGATION: NOTAM FILE FFO. MIDWEST (T) VORW/DME 112.9 MXQ Chan 76 N39°25.78′ W83°48.07′ 068° 19.6 NM to fld. 1050/4W.

unusable 115°-165° bvd 20 NM.

2 NE UTC-5(-4DT) N39°34.23′ W83°25.23′ FUEL 100LL, JET A. MOGAS TPA-1780(800) NOTAM FILE DAY MIRL RWY 23: REIL. PAPI(P4L). Railroad.

COURT HOUSE NDB (MHW) 414 CSS N39°36.05′ W83°23.50′ 222° 2.3 NM to fld. NOTAM FILE DAY. NDB

RWY 22: Thid dspicd 578'. Trees.

Rwv 26.

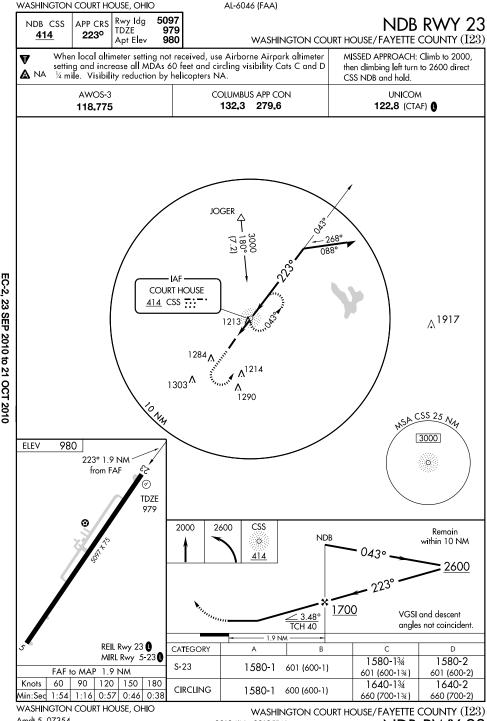
LOC only. ILS OTS indef. DME OTS indef.

322° 17 NM to fld. 1080/5W.

CINCINNATI

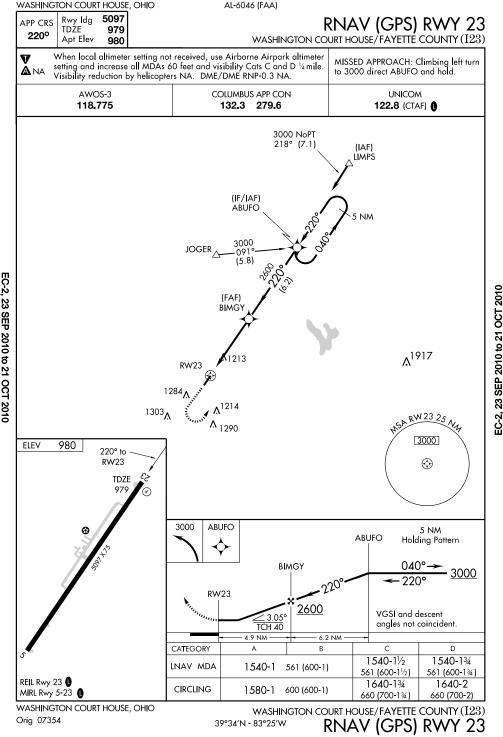
H-10G, L-29A IAP

DETROIT



Amdt 5 07354

39°34'N - 83°25'W



266 OHIO

WATERVILLE N41°27.09′ W83°38.32′ NOTAM FILE CLE. (L) VOR/DME 113.1 VWV Chan 78 319° 11.1 NM to Toledo Express. 664/2W.

RCO 122.1R 113.1T (CLEVELAND RADIO)

WAUSEON

FULTON CO (USE) 4 N UTC-5(-4DT) N41°36.61′ W84°07.63′ S4 FUEL 100LL, JET A. A1+

section paved. First 270' of Rwy 18 turf and first 1328' of Rwy 36

RWY 09-27: H3882X75 (ASPH) S-30 LIRL RWY 09: REIL, PAPI(P4L), Road,

NOTAM FILE CLE

RWY 27: REIL, PAPI(P4R), Trees, Rgt tfc. RWY 18-36: 2117X75 (ASPH-TURF)

RWY 18: Trees RWY 36: Tree

AIRPORT REMARKS: Attended Mon-Sat 1300Z±-dusk, Sun 1500Z‡-dusk, 100LL self serve, Rwv 18-36 359' of center

turf. Deer occasionally on rwy. Twy clsd indef. Rwy 27 REIL OTS indef. ACTIVATE LIRL Rwv 09-27: REIL Rwvs 09 and 27: PAPI Rwv

09 and Rwy 27-CTAF. COMMUNICATIONS: CTAF/UNICOM 123.0

(R) TOLEDO APP/DEP CON 134.35 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

WATERVILLE (L) VOR/DME 113.1 VWV Chan 78 N41°27.09' W83°38.32' 296° 24 NM to fld. 660/2W.

NDB (MHW) 375 USE N41°36.55′ W84°07.96′

WAVERLY N39°10.02′ W82°55.93′ NOTAM FILE DAY NDB (MHW) 385 EOP at Pike Co. NDB unusable bvd 15 NM.

WAVERLY

self svc avbl. Deer on and invof arpt. ACTIVATE MIRL Rwy

PIKE CO (EOP) 3 NE UTC-5(-4DT) N39°10.02′ W82°55.69′ FUEL 100LL, JET A NOTAM FILE DAY

RWY 07-25: H4900X75 (ASPH) S-58 MIRL RWY 07: REIL, PAPI(P4L)—GA 4.0° TCH 37', Tree. RWY 25: REIL, PAPI(P4L)—GA 3.0° TCH 25', Tree. AIRPORT REMARKS: Attended Mon-Fri 1300-2130Z‡. 24 hr credit card

07-25-CTAF, PAPI Rwy 07 and Rwy 25 on dusk-dawn. WEATHER DATA SOURCES: AWOS-A 118.4. COMMUNICATIONS: CTAF/UNICOM 123.0

(R) INDIANAPOLIS CENTER APP/DEP CON 135 575 RADIO AIDS TO NAVIGATION: NOTAM FILE LOU.

YORK (L) VORTAC 112.8

(See WOOSTER)

WAYNE CO

YRK Chan 75 N38°38.65' W82°58.70' 009° 31.4 NM to fld. 1040/5W. WAVERLY NDB (MHW) 385 EOP

N39°10.02′ W82°55.93′ fld. NOTAM FILE DAY. NDB unusable bvd 15 NM.

Cultivated 3882 X 75 >> Cultivated CINCINNATI

I-29A

CINCINNATI 1-29A

IAP

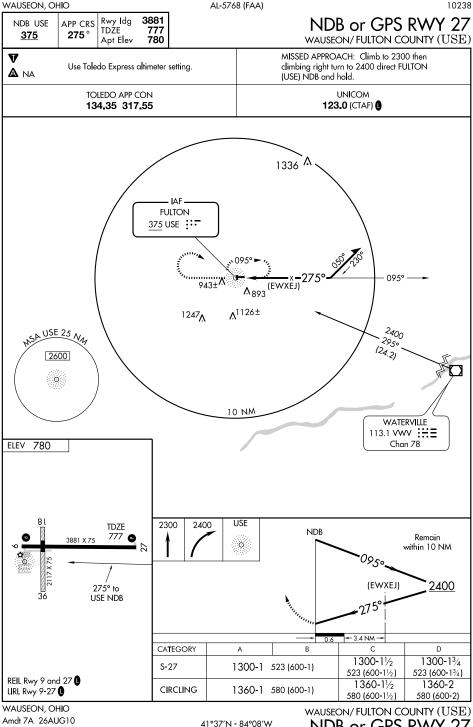
DETROIT

DETROIT

L-28J

IAP

H-10G, L-28J



Amdt 7A 26AUG10

EC-2, 23 SEP 2010 to 21 OCT 2010

NDB or GPS RWY 27

266 OHIO

WATERVILLE N41°27.09′ W83°38.32′ NOTAM FILE CLE. (L) VOR/DME 113.1 VWV Chan 78 319° 11.1 NM to Toledo Express. 664/2W.

RCO 122.1R 113.1T (CLEVELAND RADIO)

WAUSEON

FULTON CO (USE) 4 N UTC-5(-4DT) N41°36.61′ W84°07.63′ S4 FUEL 100LL, JET A. A1+

section paved. First 270' of Rwy 18 turf and first 1328' of Rwy 36

RWY 09-27: H3882X75 (ASPH) S-30 LIRL RWY 09: REIL, PAPI(P4L), Road,

NOTAM FILE CLE

RWY 27: REIL, PAPI(P4R), Trees, Rgt tfc. RWY 18-36: 2117X75 (ASPH-TURF)

RWY 18: Trees RWY 36: Tree

AIRPORT REMARKS: Attended Mon-Sat 1300Z±-dusk, Sun 1500Z‡-dusk, 100LL self serve, Rwv 18-36 359' of center

turf. Deer occasionally on rwy. Twy clsd indef. Rwy 27 REIL OTS indef. ACTIVATE LIRL Rwv 09-27: REIL Rwvs 09 and 27: PAPI Rwv

09 and Rwy 27-CTAF. COMMUNICATIONS: CTAF/UNICOM 123.0

(R) TOLEDO APP/DEP CON 134.35 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

WATERVILLE (L) VOR/DME 113.1 VWV Chan 78 N41°27.09' W83°38.32' 296° 24 NM to fld. 660/2W.

NDB (MHW) 375 USE N41°36.55′ W84°07.96′

WAVERLY N39°10.02′ W82°55.93′ NOTAM FILE DAY NDB (MHW) 385 EOP at Pike Co. NDB unusable bvd 15 NM.

WAVERLY

self svc avbl. Deer on and invof arpt. ACTIVATE MIRL Rwy

PIKE CO (EOP) 3 NE UTC-5(-4DT) N39°10.02′ W82°55.69′ FUEL 100LL, JET A NOTAM FILE DAY

RWY 07-25: H4900X75 (ASPH) S-58 MIRL RWY 07: REIL, PAPI(P4L)—GA 4.0° TCH 37', Tree. RWY 25: REIL, PAPI(P4L)—GA 3.0° TCH 25', Tree. AIRPORT REMARKS: Attended Mon-Fri 1300-2130Z‡. 24 hr credit card

07-25-CTAF, PAPI Rwy 07 and Rwy 25 on dusk-dawn. WEATHER DATA SOURCES: AWOS-A 118.4. COMMUNICATIONS: CTAF/UNICOM 123.0

(R) INDIANAPOLIS CENTER APP/DEP CON 135 575 RADIO AIDS TO NAVIGATION: NOTAM FILE LOU.

YORK (L) VORTAC 112.8

(See WOOSTER)

WAYNE CO

YRK Chan 75 N38°38.65' W82°58.70' 009° 31.4 NM to fld. 1040/5W. WAVERLY NDB (MHW) 385 EOP

N39°10.02′ W82°55.93′ fld. NOTAM FILE DAY. NDB unusable bvd 15 NM.

Cultivated 3882 X 75 >> Cultivated CINCINNATI

I-29A

CINCINNATI 1-29A

IAP

DETROIT

DETROIT

L-28J

IAP

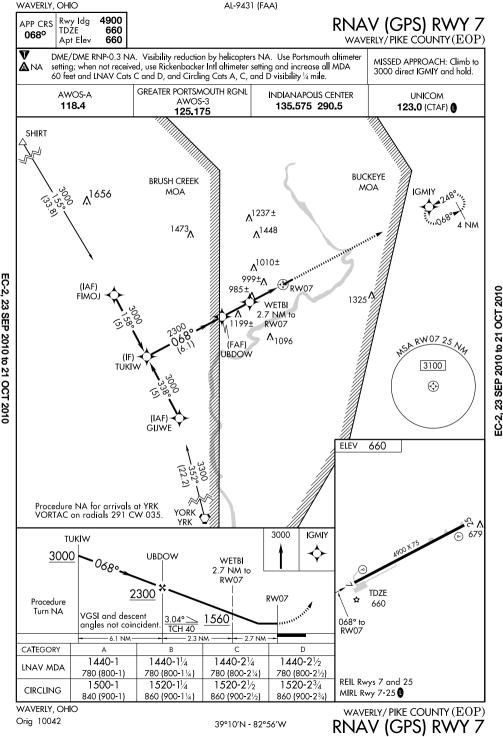
H-10G, L-28J

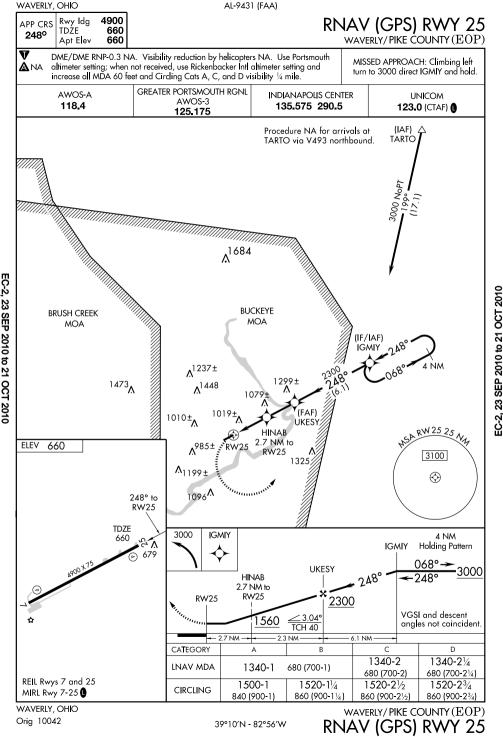
WAVERLY, OHIO AL-9431 (FAA) 4900 Rwy Idg NDB RWY 25 NDB EOP APP CRS TDŹE 660 253° 385 WAVERLY / PIKE COUNTY (EOP)660 Apt Elev V Use Greater Portsmouth Ranl altimeter setting; MISSED APPROACH: Climbing left turn to 2700 in EOP NDB holding pattern. if not received, use Ross County altimeter setting. A NA GREATER PORTSMOUTH RGNL AWOS-A INDIANAPOLIS CENTER UNICOM AWOS-3 118.4 135.575 290.5 123.0 (CTAF) (125.175 1684 A **BUCKEYE** MOA · IAF -WAVERLY **BRUSH CREEK** 385 EOP <u>---</u> MOA 1237± 073° 1448 A 1010± 985±∧ ...013° 1325 Λ^{1199±} ∧¹⁰⁹⁶ MSA EOP 25 Ny **ELEV** 660 3100 253° to **EOP NDB** 3300 YORK 112.8 YRK = := = Chan 75 TDZE 660 2700 EOP NDB Remain within 10 NM O 385 2700 С CATEGORY D 1620-11/2 1620-11/4 1620-3 S-25 960 (1000-3) 960 (1000-11/4) 960 (1000-11/2) REIL Rwys 7 and 25 1620-11/2 1620-11/4 1620-3 960 (1000-3) MIRL Rwy 7-25 1 CIRCLING 960 (1000-11/4) 960 (1000-11/2) WAVERLY, OHIO WAVERLY / PIKE COUNTY (EOP)

Amdt 1A 10042

EC-2, 23 SEP 2010 to 21 OCT 2010

39°10′N - 82°56′W





OHIO 267 WAYNESVILLE RED STEWART AIRFIELD (4ØI) 4 W UTC-5(-4DT) N39°30.32′ W84°07.31′ CINCINNATI FUEL 100LL NOTAM FILE DAY RWY 08-26: 3142X150 (TURF) RWY 26: Thid dsplcd 540'. Tree. RWY 08: Crops. AIRPORT REMARKS: Attended 1300Z‡-dusk. Transient tfc 1 Jan-15 Apr notification required for rwy condition prior to arrival 513-897-7717. Rwys and aprons fair rolling turf; sod N and S of rwy used as twy. Banner towing and

gliders on and invof arpt. Glider operations on N taxiway. Rwy 26 dsplcd thld marked with 3 outboard cones on each side of rwy. Rwy 08-26 marked with yellow cones. COMMUNICATIONS: CTAF 122.9 DAYTON APP/DEP CON 126.5 (091°-180°) WEIKER (See GREEN SPRINGS)

WELLER (See URBANA) WELLINGTON READER-BOTSFORD (67D) 00 SE UTC-5(-4DT) N41°09.75′ W82°12.16′ TPA-1650(786) NOTAM FILE CLE

DETROIT RWY 18-36: 2850X100 (TURF) RWY 18. Trees RWY 36: Trees. AIRPORT REMARKS: Attended Apr-Nov Wed, Sat-Sun dalgt hrs. Arpt CLOSED 1 Dec to 30 Apr. Glider ops. Monitor usable for ngt ops. COMMUNICATIONS: CTAF 122.9

glider activities on CTAF. Rwy 18-36 lgtd thld Rwy 18 relocated 375'; Rwy 36 relocated 800'; 1825' Rwy 18-36 WELTZIEN SKYPARK (See WADSWORTH) WEST UNION N38°51 36′ W83°33 83′ NOTAM FILE DAY CINCINNATI NDB (MHW) 359 AMT at Alexander Salamon. NDB OTS indef. L-26G

WEST UNION ALEXANDER SALAMON (AMT) 4 NW UTC-5(-4DT) N38°51.09′ W83°33.98′ CINCINNATI 896 B FUEL 80. 100LL NOTAM FILE DAY I-266 RWY 05-23: H3762X65 (ASPH) MIRL 0.3% up NE IAP RWY 05: Trees. RWY 23: REIL. PAPI(P4L)-GA 3.0° TCH 30'. Trees.

AIRPORT REMARKS: Attended Mon-Sat dalgt hrs. Fuel avbl 24 hrs-credit card. ACTIVATE MIRL Rwy 05-23; PAPI Rwy 23 and REIL Rwv 23-CTAF. COMMUNICATIONS: CTAF/UNICOM 122.8

(R) INDIANAPOLIS CENTER APP/DEP CON 135.575

RADIO AIDS TO NAVIGATION: NOTAM FILE LOU. YORK (L) VORTAC 112.8 YRK Chan 75 N38°38.65′ W82°58.70′ 299° 30.3 NM to fld. 1040/5W. WEST UNION NDB (MHW) 359 AMT N38°51.36′ W83°33.83′ at fld. NOTAM FILE DAY, OTS indef.

WILLARD (8G1) 1 S UTC-5(-4DT) N41°02.33′ W82°43.47′ DETROIT FUEL 100LL NOTAM FILE CLE L-29A

RWY 10-28: H4028X65 (ASPH) MIRL 0.8% up W

IAP

RWY 10: Thid dsplcd 300', Building. RWY 28: Thid dsplcd 610'. Trees. AIRPORT REMARKS: Attended Mon-Sat 1300-2200Z‡. For fuel after hrs call 567-224-2492. ACTIVATE MIRL Rwy

10-28-CTAF.

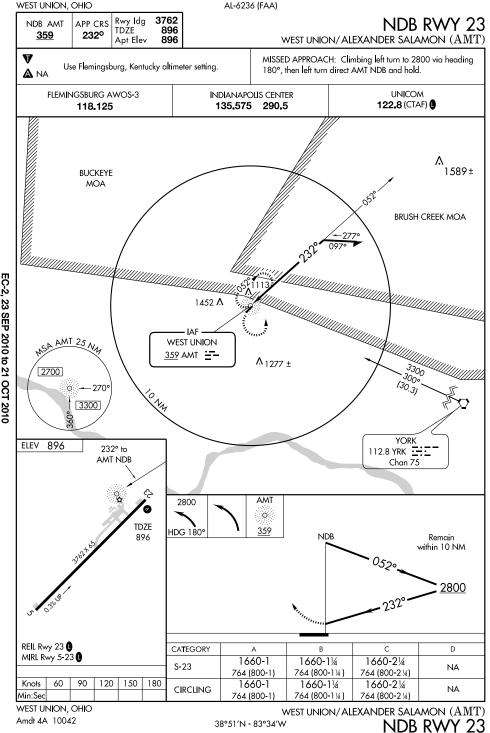
COMMUNICATIONS: CTAF 122.9

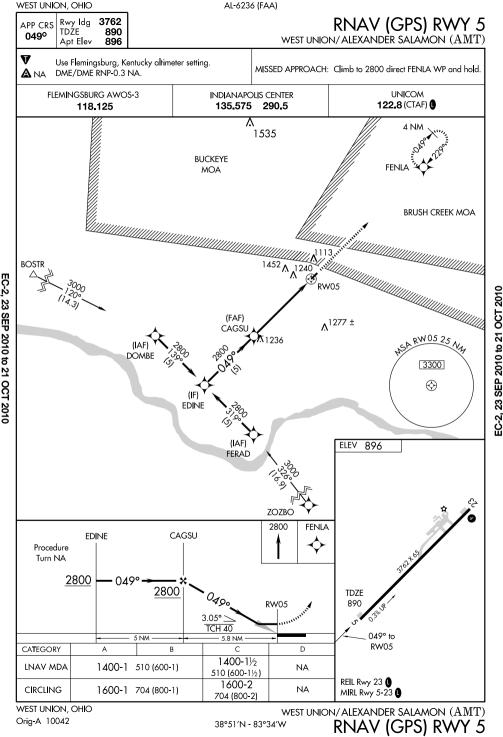
MANSFIELD RCO 122.6 122.1R 108.8T (CLEVELAND RADIO) CLEVELAND CENTER APP/DEP CON 134.9 (0400-1100Z±)

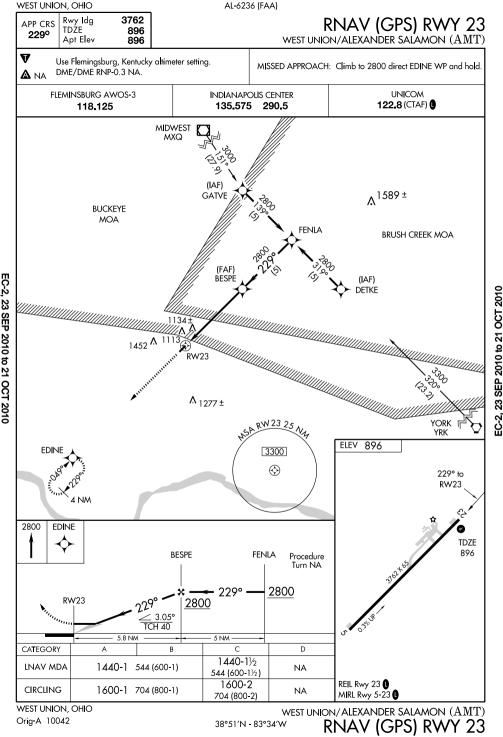
(R) MANSFIELD APP/DEP CON 124.2 (1100-0400Z‡) RADIO AIDS TO NAVIGATION: NOTAM FILE MFD.

MANSFIELD (L) VORTAC 108.8 MFD Chan 25 N40°52.12′ W82°35.46′ 332° 11.9 NM to fld. 1210/3W.

WILLIAMS CO (See BRYAN)







OHIO 267 WAYNESVILLE RED STEWART AIRFIELD (4ØI) 4 W UTC-5(-4DT) N39°30.32′ W84°07.31′ CINCINNATI FUEL 100LL NOTAM FILE DAY RWY 08-26: 3142X150 (TURF) RWY 26: Thid dsplcd 540'. Tree. RWY 08: Crops. AIRPORT REMARKS: Attended 1300Z‡-dusk. Transient tfc 1 Jan-15 Apr notification required for rwy condition prior to arrival 513-897-7717. Rwys and aprons fair rolling turf; sod N and S of rwy used as twy. Banner towing and

gliders on and invof arpt. Glider operations on N taxiway. Rwy 26 dsplcd thld marked with 3 outboard cones on each side of rwy. Rwy 08-26 marked with yellow cones. COMMUNICATIONS: CTAF 122.9 DAYTON APP/DEP CON 126.5 (091°-180°) WEIKER (See GREEN SPRINGS)

WELLER (See URBANA) WELLINGTON READER-BOTSFORD (67D) 00 SE UTC-5(-4DT) N41°09.75′ W82°12.16′

DETROIT TPA-1650(786) NOTAM FILE CLE RWY 18-36: 2850X100 (TURF) RWY 18. Trees RWY 36: Trees. AIRPORT REMARKS: Attended Apr-Nov Wed, Sat-Sun dalgt hrs. Arpt CLOSED 1 Dec to 30 Apr. Glider ops. Monitor usable for ngt ops.

glider activities on CTAF. Rwy 18-36 lgtd thld Rwy 18 relocated 375'; Rwy 36 relocated 800'; 1825' Rwy 18-36 COMMUNICATIONS: CTAF 122.9 WELTZIEN SKYPARK (See WADSWORTH)

WEST UNION N38°51 36′ W83°33 83′ NOTAM FILE DAY CINCINNATI NDB (MHW) 359 AMT at Alexander Salamon. NDB OTS indef. L-26G

WEST UNION ALEXANDER SALAMON (AMT) 4 NW UTC-5(-4DT) N38°51.09′ W83°33.98′ CINCINNATI 896 B FUEL 80. 100LL NOTAM FILE DAY I-266 RWY 05-23: H3762X65 (ASPH) MIRL 0.3% up NE IAP RWY 05: Trees. RWY 23: REIL. PAPI(P4L)-GA 3.0° TCH 30'. Trees.

AIRPORT REMARKS: Attended Mon-Sat dalgt hrs. Fuel avbl 24 hrs-credit card. ACTIVATE MIRL Rwy 05-23; PAPI Rwy 23 and REIL Rwv 23-CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8 (R) INDIANAPOLIS CENTER APP/DEP CON 135.575

RADIO AIDS TO NAVIGATION: NOTAM FILE LOU. YORK (L) VORTAC 112.8 YRK Chan 75 N38°38.65′ W82°58.70′ 299° 30.3 NM to fld. 1040/5W. WEST UNION NDB (MHW) 359 AMT N38°51.36′ W83°33.83′ at fld. NOTAM FILE DAY, OTS indef.

WILLARD (8G1) 1 S UTC-5(-4DT) N41°02.33′ W82°43.47′ FUEL 100LL NOTAM FILE CLE

RWY 10-28: H4028X65 (ASPH) MIRL 0.8% up W

DETROIT L-29A RWY 10: Thid dsplcd 300', Building. RWY 28: Thid dsplcd 610'. Trees.

IAP

AIRPORT REMARKS: Attended Mon-Sat 1300-2200Z‡. For fuel after hrs call 567-224-2492. ACTIVATE MIRL Rwy

10-28-CTAF. **COMMUNICATIONS: CTAF 122.9**

MANSFIELD RCO 122.6 122.1R 108.8T (CLEVELAND RADIO)

(R) MANSFIELD APP/DEP CON 124.2 (1100-0400Z‡) CLEVELAND CENTER APP/DEP CON 134.9 (0400-1100Z±) RADIO AIDS TO NAVIGATION: NOTAM FILE MFD.

MANSFIELD (L) VORTAC 108.8 MFD Chan 25 N40°52.12′ W82°35.46′ 332° 11.9 NM to fld. 1210/3W.

WILLIAMS CO

(See BRYAN)

VORTAC MFD N/A Rwy Idg VOR/DME or GPS-A APP CRS N/A 108.8 TDŹE 332° WILLARD (8G1) Apt Elev 967 Chan 25 V Use Mansfield altimeter setting; when not received, MISSED APPROACH: Climb to 3000 then right turn direct use Cleveland-Hopkins altimeter setting. MFD VORTAC and hold. A NA MANSFIELD APP CON ★ CTAF (122.9 124.2 390.8 **1**440 (MAJOJ) YUMAN MFD 7.5 EC-2, 23 SEP 2010 to 21 OCT 2010 MANSFIELD 108.8 MFD - - -Chan 25 ¹⁸⁵²∧ MFD 25 NA NoPT for arrival on MFD VORTAC Airway Radials 101 CW 183. 3100 **ELEV 967** Rwy 10 ldg 3728' Rwy 28 ldg 3418' 4100 3000 MFD VORTAC \bigcirc Remain within 10 NM 108.8 YUMAN MFD 7.5 (MAJOJ) 3000 MFD 11.7 332° 3000 2700 332° 4.2 NM 4.2 NM 7.5 NM from FAF CATEGORY 1680-2 NA CIRCLING MIRL Rwy 10-28 1 1680-1 713 (800-1) 713 (800-2) CLEVELAND-HOPKINS ALTIMETER SETTING MINIMUMS Knots 60 90 120 150 180 1720-1 1720-11/4 1720-21/4 NA CIRCLING Min:Sec 753 (800-1) 753 (800-11/4) 753 (800-21/4) WILLARD, OHIO WILLARD (8G1) Orig 02332 VOR/DME or GPS-A

41°02′N-82°43′W

EC-2, 23 SEP 2010 to 21 OCT 2010

AL-5846 (FAA)

WILLARD, OHIO

268 OHIO WILLOUGHBY LOST NATION MUNI (LNN) 3 N UTC-5(-4DT) N41°41.04′ W81°23.39′ B S4 FUEL 100LL, JET A OX 1, 2 NOTAM FILE CLE

RWY 05-23: H5028X100 (ASPH) S-68, D-80, 2D-124 MIRL

RWY 05: REIL, PAPI(P4R), Thid dsplcd 428', Pole,

RWY 10: REIL. PAPI(P2L). Trees.

RWY 10-28: H4272X100 (ASPH) S-68, D-80, 2D-124

and larger. COMMUNICATIONS: CTAF/UNICOM 122.725 (R) CLEVELAND APP/DEP CON 125.35 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. CHARDON (H) VOR/DME 112.7 CXR Chan 74 N41°31.02′ W81°09.79′

WILMINGTON AIRBORNE AIRPARK 2 SE UTC-5(-4DT) N39°25.68′ W83°47.53′ (ILN) В **S4** FUEL JET A OX 1, 2 Class IV, ARFF Index A RWY 04L-22R: H10701X150 (CONC-GRVD) S-100, D-200, 2S-175, 2D-390, 2D/2D2-750

LAKELAND NDB (MHW) 263 LQL N41°40.94′ W81°22.74′

clearance ctc Cleveland apch control at 216-898-2040.

RWY 22R: ALSF-2. TDZL. PAPI(P4L)-GA 3.0° TCH 71'. 0.4% down. RWY 04R-22L: H9000X150 (CONC-GRVD) S-100, D-200, 2S-175, 2D-390, 2D/2D2-750 HIRL CL RWY 04R: MALSR. PAPI(P4L)-GA 3.0° TCH 71'. 0.3% up. RWY 22L: ALSF2. TDZL. PAPI(P4L)-GA 3.0° TCH 71'. 0.4% down. RUNWAY DECLARED DISTANCE INFORMATION

RWY 04L: MALSR. PAPI(P4L)-GA 3.0° TCH 62'.

RWY 04L: TORA-10701 TODA-10701 ASDA-10701 LDA-10701 RWY 04R: TORA-9000 TODA-9000 ASDA-9000 LDA-9000 RWY 22L: TORA-9000 TODA-9000 ASDA-9000 LDA-9000 RWY 22R: TORA-10701 TODA-10701 ASDA-10701 LDA-10701 AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z‡. Closed to scheduled air carrier ops with greater than 9 passenger seats and unscheduled air carrier ops greater than 30 passenger seats. 90-day PPR, call arpt manager 937-366-2282. Rwy 04L-22R has 1000' paved area on SW end and 200' paved area on NE end. Rwy 04R-22L has 200' paved area on each end. For HIRL

R DAYTON APP/DEP CON 126.5 (091°-180°) 118.85 127.225 WILMINGTON TOWER 119.475, 125.6 (04R-22L in instrument meteorological conditions) Mon 1200-Sat 2300Z‡, Sun 1100-2300Z‡.

WEATHER DATA SOURCES: ASOS (937) 383-7334. COMMUNICATIONS: CTAF 119.475 ATIS 124.925

Rwy 04L-22R and Rwy 04R-22L when twr clsd contact ops on

control 937-366-2441. Ldg fee. U.S. Customs user fee arpt.

GND CON 121.6 CLNC DEL 125.6

AIRSPACE: CLASS D svc Mon 1200Z‡-Sat 2300Z‡, Sun 1100-2300Z‡; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE ILN. MIDWEST (T) VORW/DME 112.9 MXO Chan 76 N39°25.78′ W83°48.07′ at fld. 1050/4W.

Unmonitored when twr clsd. AIRBO NDB (MHW/LOM) 407 IL N39°29.58′ W83°44.29′ 217° 4.6 NM to fld.

Unmonitored Sat-Sun 2300-1100Z‡ and Sun 2300 til Mon 1200Z‡.

CUBLA NDB (MHW/LOM) 299 HW N39°21.21′ W83°52.55′ 045° 5.9 NM to fld.

Rwy 04L. ILS 110.7 I-HWM LOM CUBLA NDB. Unmonitored when twr clsd. LOC unusable byd 15° left or

right of course.

ILS/DME 109.35 I-IYV Chan 30(Y) Rwy 04R. Class IT. Unmonitored when twr clsd.

ILS 110.7 I–ILN Rwy 22R.

COMM/NAV/WEATHER REMARKS: Emergency frequency 121.5 not avbl at twr.

Class IIIE. LOM AIRBO NDB. Unmonitored when twr clsd. **ILS/DME** 109.35 I-RHX Chan 30(Y) Rwy 22L. Unmonitored when twr clsd.

320° 14.3 NM to fld. 1310/5W.

RWY 23: REIL. PAPI(P4L). Trees.

at fld. NDB unmonitored.

NOTAM FILE ILN

MIRL RWY 28: REIL, PAPI(P2L), Thid dspicd 1124', Poles.

AIRPORT REMARKS: Attended 1200-0200Z‡. For arpt attendance or fuel svs after hrs call 440-942-7092 from 0400-1100Z‡ for prior arrangements. Multiple practice ldg and tkf prohibited Mon-Fri 0400-1300Z‡; Sat-Sun and holidays 0400-1400Z‡. Deer and Birds on and invof arpt. Rwy 05 REIL OTS indef. Rwy 23 PAPI OTS indef. Rwy 23 REIL OTS indef. ACTIVATE MIRL Rwy 05-23 and Rwy 10-28; REIL Rwys 05; Rwy 23; Rwy 10 and Rwy 28; and PAPI Rwys 05; Rwy 23; Rwy 10 and Rwy 28—CTAF. Ldg fee for all commercial acft by weight; multi-engine

COMM/NAV/WEATHER REMARKS: UNICOM freq unmonitored May-Sep (0300-1200Z‡); Oct-Apr (0200-1200Z‡). For IFR

119.47. Rwy 04R touchdown, midpoint and rollout RVR avbl. Rwy 22L touchdown, midpoint and rollout RVR avbl. Four hrs PPR for all transient acft call arpt manager 937-366-2282 during operating hrs. After hrs call flight

DETROIT

IAP

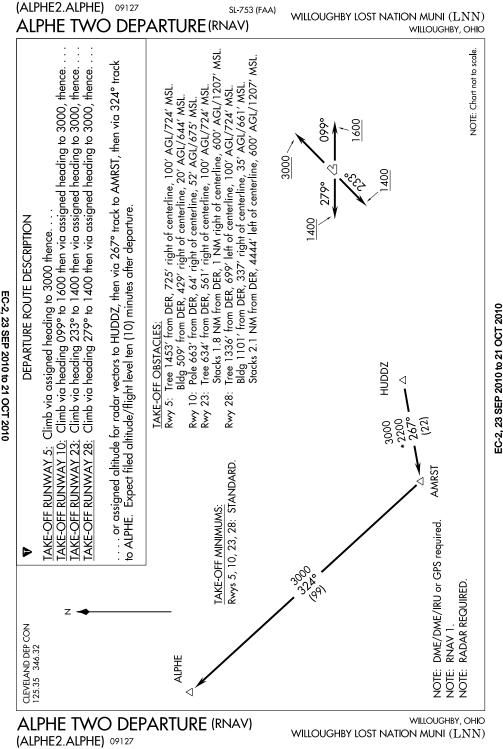
H-10G, L-30G

CINCINNATI

IAP

H-10G, L-27E

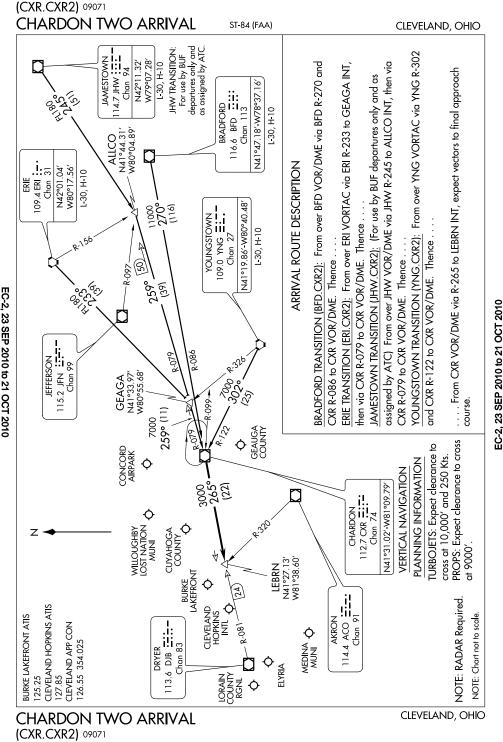
HIRL CL

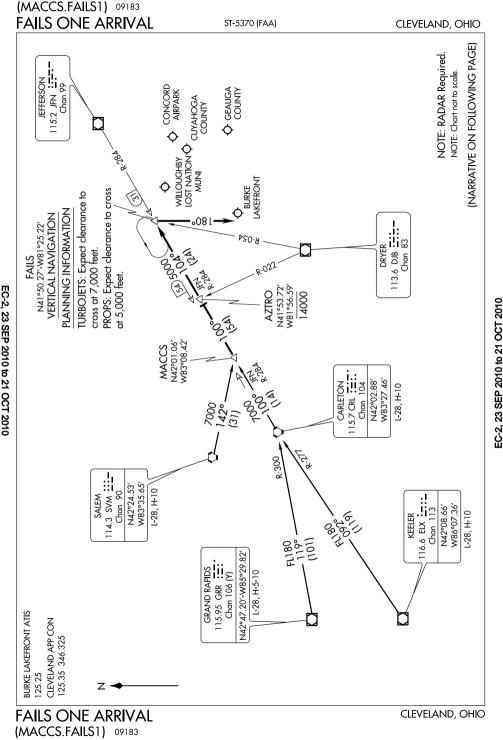


Stacks 1.8 NM from DER, 1 NM right of centerline, 600' AGL/1207' MSL. NOTE: Chart not to scale. ... or assigned altitude for vectors to intercept the DJB VOR/DME R-265 to AMRST INT then via (Transition). Stacks 2.1 NM from DER, 4444′ left of centerline, 600′ AGL/1207′ MSL. Climb via heading 233° to 1400 then via assigned heading to 3000 thence. . . . <u> IAKE-OFF RUNWAY 10:</u> Climb via heading 099° to 1600 then via assigned heading to 3000 thence. . . . WATERVILLE TRANSITION (AMRST2.VWV): From over AMRST INT via VWV R-115 to VWV VOR/DME. Rwy 5: Tree 1453' from DER, 725' right of centerline, 100' AGL/724' MSL. IAKE-OFF RUNWAY 28: Climb via heading 279° to 1400 then via assigned heading to 3000 thence. Tree 634' from DER, 561' right of centerline, 100' AGL/724' MSL. Tree 1336' from DER, 699' left of centerline, 100' AGL/724' MSL. Bldg 1101′ from DER, 337′ right of centerline, 35′ AGL/661′ MSL Bldg 509' from DER, 429' right of centerline, 20' AGL/644' MSL. Pole 663' from DER, 64' right of centerline, 52' AGL/675' MSL. CARLETON TRANSITION (AMRST2.CRL): From over AMRST INT via CRL R-159 to CRL VORTAC. 660 009 3000 400 DEPARTURE ROUTE DESCRIPTION TAKE-OFF RUNWAY 5: Climb via assigned heading to 3000 thence. . . Expect filed altitude/flight level ten (10) minutes after departure. **IAKE-OFF OBSTACLES:** N41°18.68′ W82°30.59′ N41°21.48′ W82°09.72′ 265° r HUDDZ 191) 4 --30, H-10 DRYER Rwy 10: Rwy 23: Rwy 28: AKE-OFF RUNWAY 23: 109.2 SKY ::=-Chan 29 38 SANDUSKY 7000 - 339° (531 3000 2000 2000 2000 2000 N41°14.70' W82°59.33′ AMRST (E) NOTE: RADAR REQUIRED N42°02.88′-W83°27.46′ TAKE-OFF MINIMUMS: 115.7 CRL :::: Rwys 5, 10, 23, 28: 113.1 VWV :::≡ CLEVELAND DEP CON CARLETON Chan 104 W83°38.32′ L-28, H-10 WATERVILLE N41°27.09′ Chan 78 25.35 346.325 STANDARD. L-28, H-10

AMRST TWO DEPARTURE

EC-2, 23 SEP 2010 to 21 OCT 2010





ARRIVAL ROUTE DESCRIPTION

<u>CARLETON TRANSITION (CRL.FAILS1)</u>: From over CRL VORTAC via CRL R-100 and JFN R-284 to MACCS INT. Thence. . . .

JEIN K-204 IO MACCO IINT. Therice. . .

GRAND RAPIDS TRANSITION (GRR.FAILS1): From over GRR VOR/DME via GRR R-119 and CRL R-300 to CRL VORTAC, then via CRL R-100 and JFN R-284 to MACCS INT. Thence. . . .

KEELED T

KEELER TRANSITION (ELX.FAILS1): From over ELX VOR/DME via ELX R-092 and CRL R-277 to CRL VORTAC, then via CRL R-100 and JFN R-284 to MACCS INT.

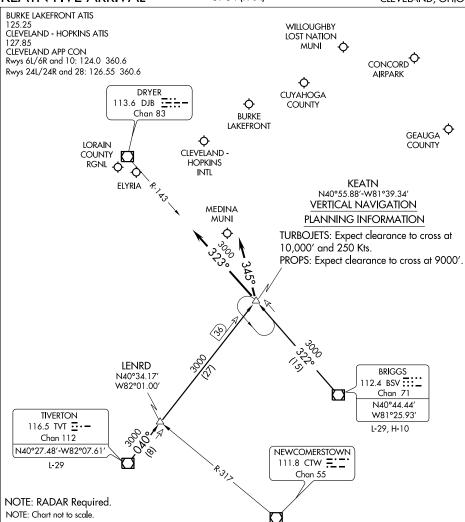
Thence. . . .

SALEM TRANSITION (SVM.FAILS1): From over SVM VORTAC via heading 142° to MACCS INT. Thence. . . .

. . . . From over MACCS INT, via CRL VORTAC R-100 to AZTRO INT, then via

JFN VOR/DME R-284 to FAILS INT. From FAILS fly heading 180°.

Expect radar vectors to final approach course.



ARRIVAL ROUTE DESCRIPTION

BRIGGS TRANSITION (BSV.KEATN5): From over BSV VOR/DME via BSV R-322 to KEATN INT.

TIVERTON TRANSITION (TVT.KEATNS): From over TVT VOR/DME via TVT R-040 to KEATN INT.

Thence. . . .

EC-2, 23 SEP 2010 to 21 OCT 2010

LANDING CLE RWY 24L/R and 28: Depart KEATN INT heading 345°. Expect radar vectors to

final approach course.

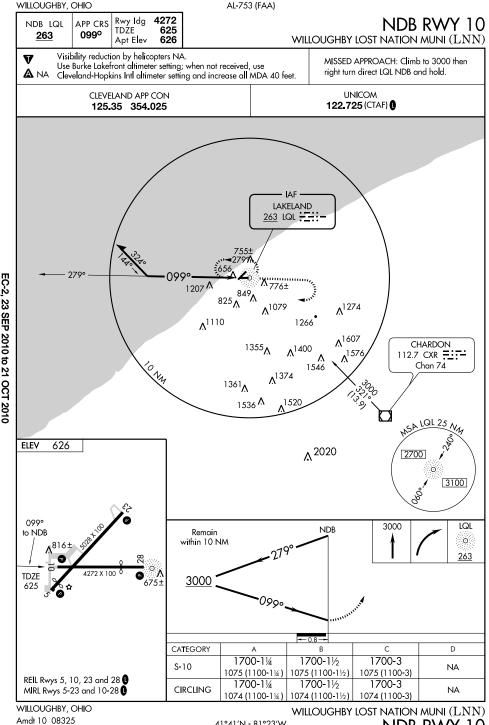
LANDING CLE RWY 6L/R and 10: . . . Depart KEATN INT via DJB R-143 to DJB VOR/DME.

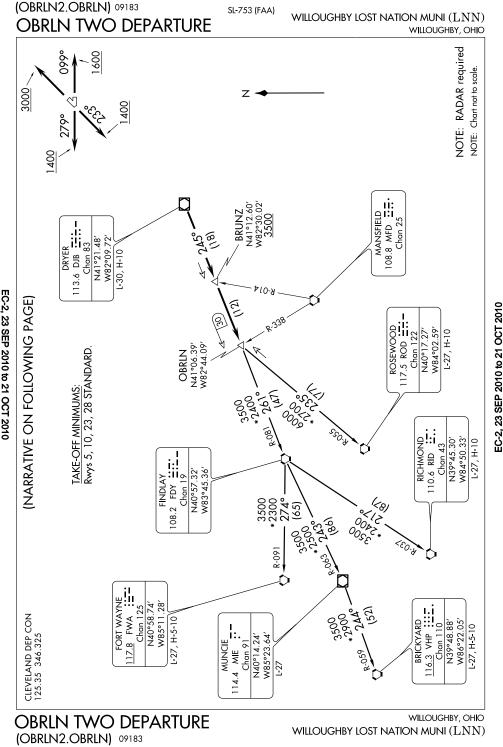
Expect radar vectors to final approach course.

LANDING ALL OTHER AIRPORTS: From KEATN INT expect radar vectors to final approach course.

KEATN FIVE ARRIVAL (KEATN.KEATN5) 10266

CLEVELAND, OHIO





V

EC-2, 23 SEP 2010 to 21 OCT 2010

EC-2.

WILLOUGHBY, OHIO

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAY 5: Climb via assigned heading to 3000 thence. . . .

TAKE-OFF RUNWAY 10: Climb via heading 099° to 1600 then via assigned heading to 3000 thence. . . .

TAKE-OFF RUNWAY 23: Climb via heading 233° to 1400 then via assigned heading to 3000 thence....

TAKE-OFF RUNWAY 28: Climb via heading 279° to 1400 then via assigned heading to 3000 thence. . . .

.... or assigned altitude for vectors to intercept DJB VOR/DME R-245, cross BRUNZ INT at or above 3500 then proceed to OBRLN INT then via (transition). Expect filed altitude/flight level ten (10) minutes after departure.

BRICKYARD TRANSITION (OBRLN2.VHP): From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-243 and MIE R-063 to MIE VOR/DME, then via MIE R-244 and VHP R-059 to VHP VORTAC.
FORT WAYNE TRANSITION (OBRLN2.FWA): (For use by Fort Wayne arrivals only and

ATC use as assigned.) From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-274 and FWA R-091 to FWA VORTAC.

MUNCIE TRANSITION (OBRLN2.MIE): (For use by Indianapolis arrivals only and ATC use as

assigned). From over OBRLN INT via FDY R-081 to FDY VORTAC, then via FDY R-243 and MIE R-063 to MIE VOR/DME.
RICHMOND TRANSITION (OBRLN2.RID): From over OBRLN INT via FDY R-081 to FDY

VORTAC, then via FDY R-217 and RID R-037 to RID VORTAC.

ROSEWOOD TRANSITION (OBRLN2.ROD): (For use at or below FL220 only and ATC use as assigned). From over OBRLN INT via ROD R-055 to ROD VORTAC.

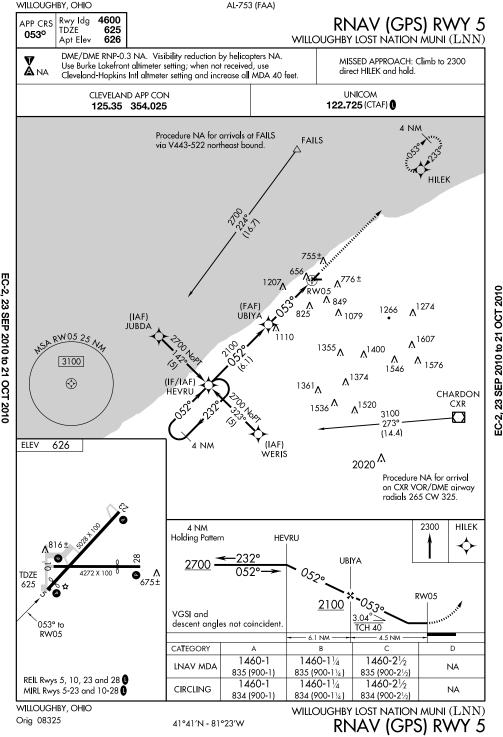
TAKE-OFF OBSTACLES:

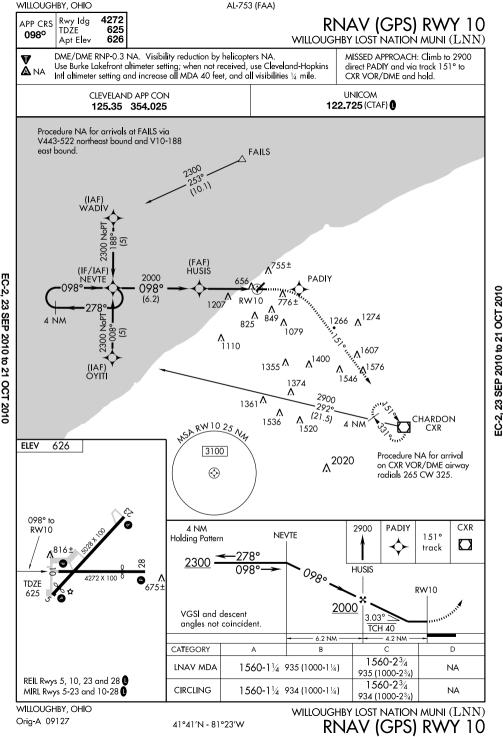
Rwy 5: Tree 1453' from DER, 725' right of centerline, 100' AGL/724' MSL. Bldg 509' from DER, 429' right of centerline, 20' AGL/644' MSL.

Rwy 10: Pole 663' from DER, 64' right of centerline, 52' AGL/675' MSL. Rwy 23: Tree 634' from DER, 561' right of centerline, 100' AGL/724' MSL.

Stacks 1.8 NM from DER, 1 NM right of centerline, 600' AGL/1207' MSL. Rwy 28: Tree 1336' from DER, 699' left of centerline, 100' AGL/724' MSL.

Bldg 1101' from DER, 337' right of centerline, 35' AGL/661' MSL. Stacks 2.1 NM from DER, 4444' left of centerline, 600' AGL/1207' MSL.





REIL Rwys 5, 10, 23 and 28 **1**

MIRL Rwys 5-23 and 10-28 (1)

EC 2

23 SEP 2010 to 21 OCT 2010

408 (500-11/2)

1200-11/2

577 (600-11/2)

1200-11/2

574 (600-11/2)

1142-13/4 519 (600-13/4)

NA

NA

NA

NA

EC-2, 23 SEP 2010 to 21 OCT 2010

1200-1

1200-1

1031-1½

577 (600-1)

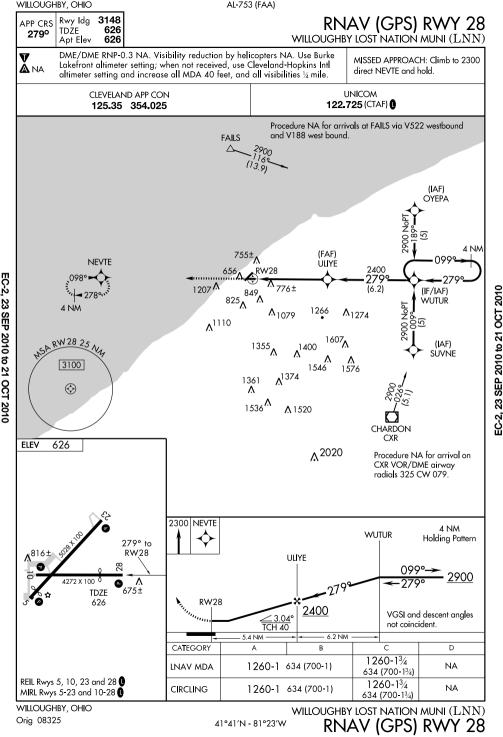
574 (600-1)

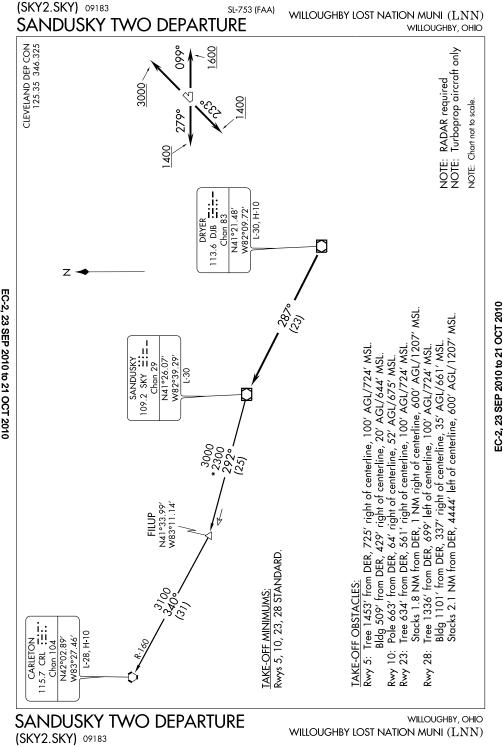
LPV DA

LNAV/ VNAV DA

LNAV MDA

CIRCLING





(SKY2.SKY) 09127 SL-753 (FAA)
SANDUSKY TWO DEPARTURE

WILLOUGHBY LOST NATION MUNI (LNN) WILLOUGHBY, OHIO

V

EC-2, 23 SEP 2010 to 21 OCT 2010

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAY 5: Climb via assigned heading to 3000 thence. . . .

TAKE-OFF RUNWAY 10: Climb via heading 099° to 1600 then via assigned heading to 3000, thence. . . .

TAKE-OFF RUNWAY 23: Climb via heading 233° to 1400 then via assigned heading

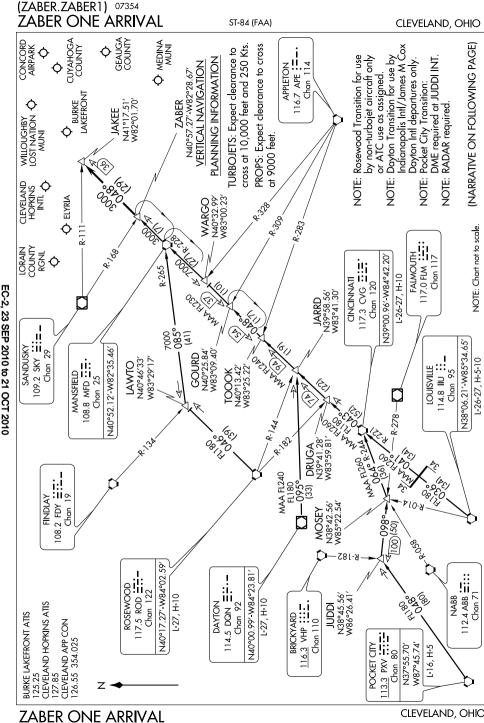
TAKE-OFF RUNWAY 23: Climb via heading 233° to 1400 then via assigned heading to 3000, thence. . . .

TAKE-OFF RUNWAY 28: Climb via heading 279° to 1400 then via assigned heading to 3000, thence. . . .

. . . . or assigned altitude for vectors to intercept the DJB VOR/DME R-287 to SKY VOR/DME. Expect filed altitude/flight level ten (10) minutes after departure.

CARLETON TRANSITION (SKY2.CRL): From over SKY VOR/DME via SKY R-292 to FILLIP INT. then via CRL R-160 to CRL VORTAC

to FILUP INT, then via CRL R-160 to CRL VORTAC.



ARRIVAL ROUTE DESCRIPTION

CINCINNATI TRANSITION (CVG.ZABER1): From over CVG VORTAC via CVG R-043 to TOOOK INT, then via MFD R-228 to MFD VORTAC, then via MFD R-048 to ZABER INT.

Thence

EC-2, 23 SEP 2010 to 21 OCT 2010

DAYTON TRANSITION (DQN.ZABER1): (For use by INDIANAPOLIS INTL/JAMES M COX DAYTON INTL departures only). From over DQN VOR/DME via DQN R-095 to JARRD INT, then via CVG R-043 to TOOOK INT, then via MFD R-228 to MFD VORTAC, then via

MFD R-048 to ZABER INT. Thence. . . .

LOUISVILLE TRANSITION (IIU.ZABER1): From over IIU VORTAC via IIU R-036 and CVG R-221 to CVG VORTAC, then via CVG R-043 to TOOOK INT, then via MFD R-228 to

MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . . POCKET CITY TRANSITION (PXV.ZABER1): (DME REQUIRED at JUDDI INT) From over

PXV VORTAC via PXV R-048 to JUDDI INT, then via FLM R-278 to MOSEY INT, then via

CVG R-244 to CVG VORTAC, then via CVG R-043 to TOOOK INT, then via MFD R-228 to MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . .

ROSEWOOD TRANSITION (ROD.ZABER1): (For use by non-turbo aircraft only or ATC use

as assigned). From over ROD VORTAC via ROD R-046 to LAWTO INT, then via MFD R-265

to MFD VORTAC, then via MFD R-048 to ZABER INT. Thence. . . .

. . . . From over ZABER INT via MFD R-048 to JAKEE INT. Expect radar vectors to final approach course.

269 CLINTON FLD (166) 4 NW UTC-5(-4DT) N39°30.15′ W83°51.80′ CINCINNATI FUEL 100LL, JET A NOTAM FILE DAY 1033 B S4 L-27E

AIRPORT REMARKS: Attended May-Sep 1300-0100Z‡, Oct-Apr 1300-2200Z‡. Fuel Jet A unavbl indef. FBO closed Thanksgiving; Christmas and Easter. After hrs call 937-725-2782. Deer and birds on and invof arpt. ACTIVATE MIRL Rwy 03-21 and PAPI Rwy 03 and Rwy 21-CTAF. WEATHER DATA SOURCES: AWOS-3 124.175 (937) 382-1376.

RWY 21: PAPI(P2L)-GA 3.75° TCH 20'. Trees.

COMMUNICATIONS: CTAF/UNICOM 123.0 R DAYTON APP/DEP CON 126.5 (091°-180°) 118.85 127.225 RADIO AIDS TO NAVIGATION: NOTAM FILE FFO. MIDWEST (T) VORW/DME 112.9 MXO Chan 76 N39°25.78′ W83°48.07′ 331° 5.2 NM to fld 1050/4W.

RWY 03-21: H3579X65 (ASPH) S-12.5 MIRL 0.3% up NE

RWY 03: PAPI(P2L)-GA 3.0° TCH 20'. Trees.

HOLLISTER FLD (2B6) 5 E UTC-5(-4DT) N39°26.25′ W83°42.50′ 1090 NOTAM FILE DAY RWY 05-23: 3203X80 (TURF)

RWY 05: Thid dspicd 92', Crops. RWY 23: Thid dsplcd 565', P-Line. RWY 13-31: 2670X80 (TURF) RWY 31: Thid dsplcd 732'. Fence. RWY 13: Thid dsplcd 250'. Fence. AIRPORT REMARKS: Attended daigt hrs. Rwy 13-31 CLOSED indef. CAUTION-pheasants released N side of rwy for

hunting Sep-Apr. Model acft radio-control area S of Rwy 23. Call for rwy conditions prior to ldg from Nov-Apr. Rwy 05-23 dspld thids marked with white tires. Rwy 13-31 dsplcd thids marked with white tires. COMMUNICATIONS: CTAF 122.9

WOOD CO (See BOWLING GREEN)

WOODSFIELD MONROE CO (4G5)

B S4 FUEL 80. 100LL NOTAM FILE CLE RWY 07-25: H3805X75 (ASPH) S-18 RWY 07: Thid dspicd 173'. Trees.

AIRPORT REMARKS: Attended irregularly, For fuel call 740-472-1882. ACTIVATE MIRL Rwy 07-25; rotating bcn and REIL Rwy 25-CTAF. COMMUNICATIONS: CTAF/UNICOM 122.8

BELLAIRE RCO 122.1R 117.1T (CLEVELAND RADIO) (R) CLEVELAND CENTER APP/DEP CON 120.4 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. BELLAIRE (H) VOR/DME 117.1 AIR Chan 118 N40°01.02'

W80°49.04' 230° 19.4 NM to fld. 1290/7W.

1 N UTC-5(-4DT) N39°46.74' W81°06.17' MIRL RWY 25: REIL. Trees.

CINCINNATI L-29B IAP €3

IAP

CINCINNATI

DETROIT

IAP

H-10G, L-29B

, G ¢ <u>رزز س</u>الت Fair Ground ...

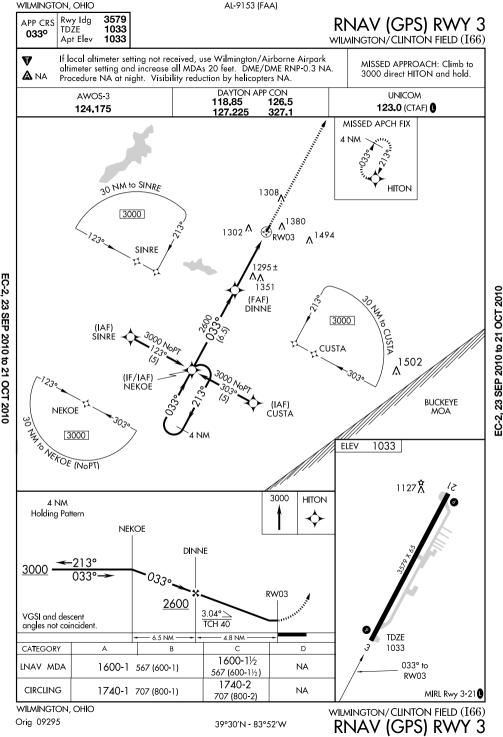
WOOSTER

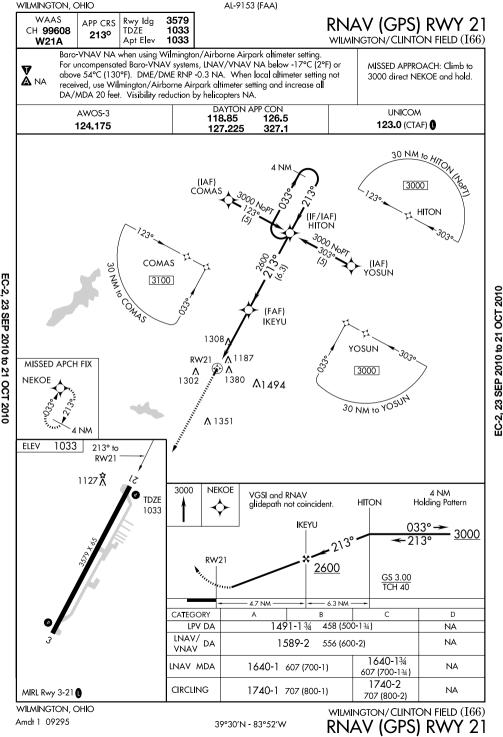
WAYNE CO (BJJ) 6 NE UTC-5(-4DT) N40°52.49′ W81°53.30′ FUEL 100LL, JET A1+ OX 4 NOTAM FILE BJJ RWY 10-28: H5191X100 (ASPH) S-30 HIRL 0.5% up E RWY 10: REIL. Trees.

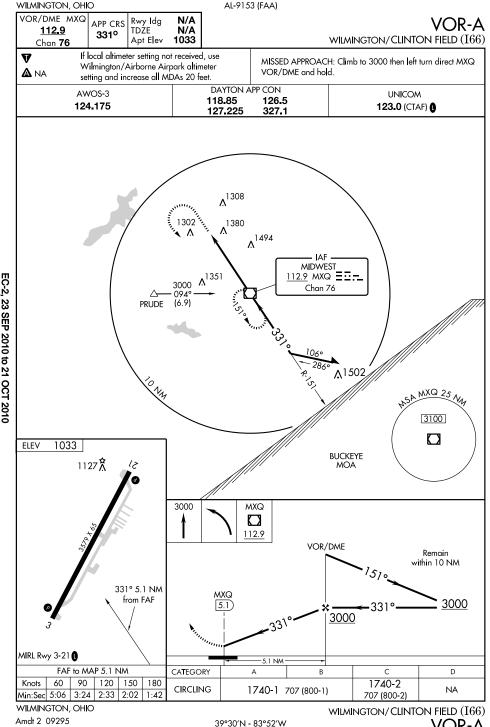
RWY 28: REIL. VASI(V4R)-GA 3.0° TCH 33'. Thid dspicd 218'. Road. AIRPORT REMARKS: Attended Nov-Apr 1300-2200Z‡, May-Oct Mon-Fri 1200-0000Z‡, May-Oct Sat-Sun 1400-0000Z‡, Rwy 28 VASI unusable byd 8° left of centerline. HIRL Rwy 10-28 preset low ints dusk-dawn; to increase ints and ACTIVATE REIL Rwy 10 and Rwy 28-CTAF.

WEATHER DATA SOURCES: ASOS 118.075 (330) 669-9105. COMMUNICATIONS: CTAF/UNICOM 122.8

(R) AKRON-CANTON APP/DEP CON 118.6 (1100-0500Z†) **CLNC DEL** 121.75 R CLEVELAND CENTER APP/DEP CON 134.9 (0500-1100Z‡) RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. BRIGGS (L) VOR/DME 112.4 BSV Chan 71 N40°44.44′ W81°25.93′ 295° 22.3 NM to fld. 1230/4W.







VOR-A

WILLOUGHBY LOST NATION MUNI (LNN) 3 N UTC-5(-4DT) N41°41.04′ W81°23.39′ B S4 FUEL 100LL, JET A OX 1, 2 NOTAM FILE CLE

RWY 05-23: H5028X100 (ASPH) S-68, D-80, 2D-124 MIRL

RWY 05: REIL, PAPI(P4R), Thid dsplcd 428', Pole,

RWY 10: REIL. PAPI(P2L). Trees.

(R) CLEVELAND APP/DEP CON 125.35 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

RWY 10-28: H4272X100 (ASPH) S-68, D-80, 2D-124

OHIO

AIRPORT REMARKS: Attended 1200-0200Z‡. For arpt attendance or fuel svs after hrs call 440-942-7092 from 0400-1100Z‡ for prior arrangements. Multiple practice ldg and tkf prohibited Mon-Fri 0400-1300Z‡; Sat-Sun and holidays 0400-1400Z‡. Deer and Birds on and invof arpt. Rwy 05 REIL OTS indef. Rwy 23 PAPI OTS indef. Rwy 23 REIL OTS indef. ACTIVATE MIRL Rwy 05-23 and Rwy 10-28; REIL Rwys 05; Rwy 23; Rwy 10 and Rwy 28;

COMM/NAV/WEATHER REMARKS: UNICOM freq unmonitored May-Sep (0300-1200Z‡); Oct-Apr (0200-1200Z‡). For IFR

Class IV, ARFF Index A

2 SE UTC-5(-4DT) N39°25.68′ W83°47.53′

MIRL RWY 28: REIL, PAPI(P2L), Thid dspicd 1124', Poles.

RWY 23: REIL. PAPI(P4L). Trees.

at fld. NDB unmonitored.

217° 4.6 NM to fld.

NOTAM FILE ILN

268

WILMINGTON

AIRBORNE AIRPARK

В **S4**

and PAPI Rwys 05; Rwy 23; Rwy 10 and Rwy 28—CTAF. Ldg fee for all commercial acft by weight; multi-engine and larger. COMMUNICATIONS: CTAF/UNICOM 122.725

CHARDON (H) VOR/DME 112.7 CXR Chan 74 N41°31.02′ W81°09.79′

OX 1, 2

LAKELAND NDB (MHW) 263 LQL N41°40.94′ W81°22.74′

clearance ctc Cleveland apch control at 216-898-2040.

(ILN)

FUEL JET A

RWY 04L: MALSR. PAPI(P4L)-GA 3.0° TCH 62'. RWY 22R: ALSF-2. TDZL. PAPI(P4L)-GA 3.0° TCH 71'.

RWY 22L: TORA-9000 TODA-9000

0.4% down. RWY 04R-22L: H9000X150 (CONC-GRVD) S-100, D-200, 2S-175, 2D-390, 2D/2D2-750 HIRL CL RWY 04R: MALSR. PAPI(P4L)-GA 3.0° TCH 71'. 0.3% up. RWY 22L: ALSF2. TDZL. PAPI(P4L)-GA 3.0° TCH 71'. 0.4% down. RUNWAY DECLARED DISTANCE INFORMATION

RWY 04L-22R: H10701X150 (CONC-GRVD) S-100, D-200, 2S-175, 2D-390, 2D/2D2-750 HIRL CL IAP RWY 04L: TORA-10701 TODA-10701 ASDA-10701 LDA-10701 RWY 04R: TORA-9000 TODA-9000 ASDA-9000 LDA-9000 ASDA-9000 LDA-9000 RWY 22R: TORA-10701 TODA-10701 ASDA-10701 LDA-10701 scheduled air carrier ops with greater than 9 passenger seats and end. Rwy 04R-22L has 200' paved area on each end. For HIRL 119.47. Rwy 04R touchdown, midpoint and rollout RVR avbl. Rwy 22L touchdown, midpoint and rollout RVR avbl. Four hrs PPR for all transient acft call arpt manager 937-366-2282 during operating hrs. After hrs call flight

320° 14.3 NM to fld. 1310/5W.

DETROIT

IAP

H-10G, L-30G

CINCINNATI

H-10G, L-27E

control 937-366-2441. Ldg fee. U.S. Customs user fee arpt. WEATHER DATA SOURCES: ASOS (937) 383-7334. COMMUNICATIONS: CTAF 119.475 ATIS 124.925 R DAYTON APP/DEP CON 126.5 (091°-180°) 118.85 127.225 WILMINGTON TOWER 119.475, 125.6 (04R-22L in instrument meteorological conditions) Mon 1200-Sat 2300Z‡,

Sun 1100-2300Z‡.

GND CON 121.6 CLNC DEL 125.6

AIRSPACE: CLASS D svc Mon 1200Z‡-Sat 2300Z‡, Sun 1100-2300Z‡; other times CLASS E.

AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z‡. Closed to

unscheduled air carrier ops greater than 30 passenger seats. 90-day PPR, call arpt manager 937-366-2282. Rwy 04L-22R has 1000' paved area on SW end and 200' paved area on NE

Rwy 04L-22R and Rwy 04R-22L when twr clsd contact ops on

RADIO AIDS TO NAVIGATION: NOTAM FILE ILN.

AIRBO NDB (MHW/LOM) 407 IL N39°29.58′ W83°44.29′

MIDWEST (T) VORW/DME 112.9 MXO Chan 76 N39°25.78′ W83°48.07′ at fld. 1050/4W.

COMM/NAV/WEATHER REMARKS: Emergency frequency 121.5 not avbl at twr.

Unmonitored when twr clsd.

Unmonitored Sat-Sun 2300-1100Z‡ and Sun 2300 til Mon 1200Z‡.

CUBLA NDB (MHW/LOM) 299 HW N39°21.21′ W83°52.55′ 045° 5.9 NM to fld.

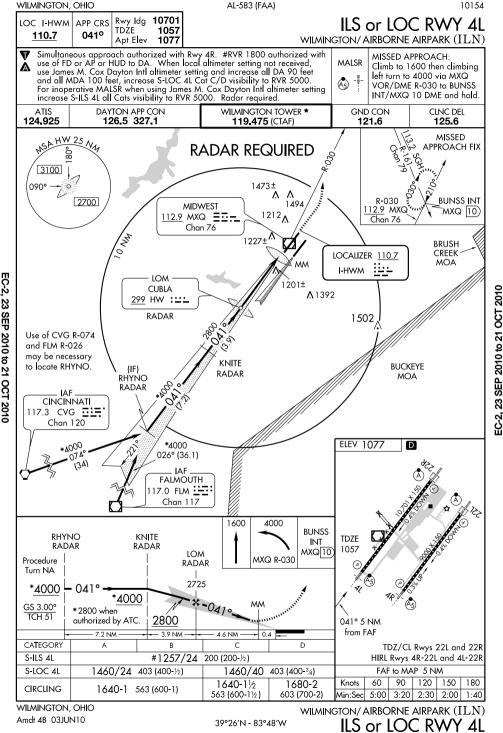
Rwy 04L. ILS 110.7 I-HWM LOM CUBLA NDB. Unmonitored when twr clsd. LOC unusable byd 15° left or

right of course.

ILS/DME 109.35 I-IYV Chan 30(Y) Rwy 04R. Class IT. Unmonitored when twr clsd.

Class IIIE. LOM AIRBO NDB. Unmonitored when twr clsd. ILS 110.7 I–ILN Rwy 22R.

ILS/DME 109.35 I-RHX Chan 30(Y) Rwy 22L. Unmonitored when twr clsd.

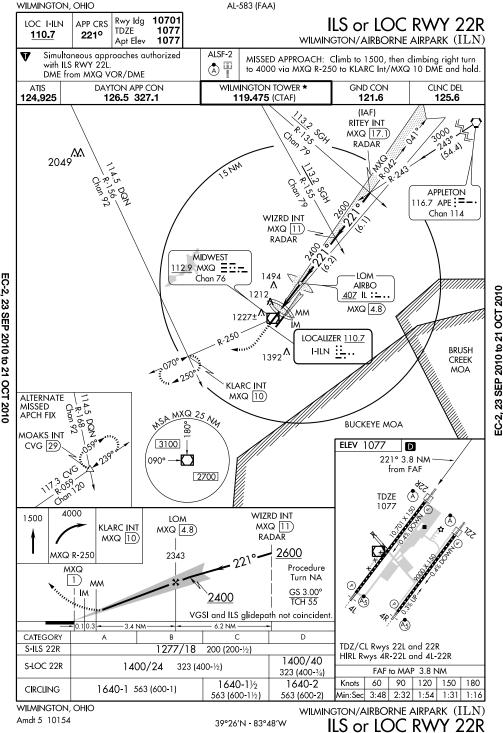


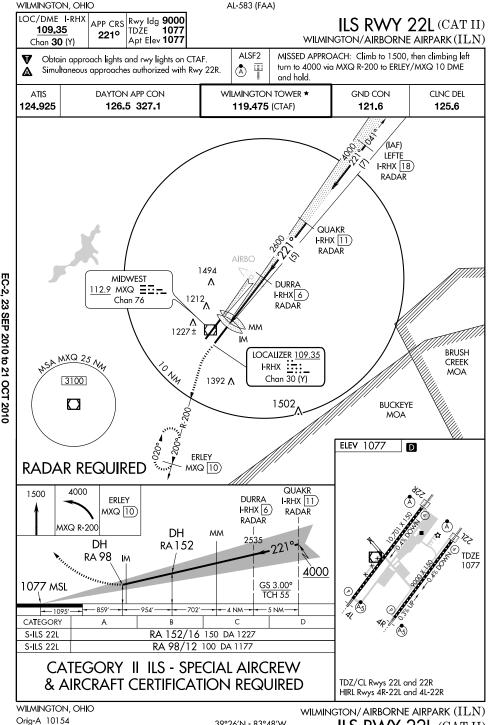
WILMINGTON, OHIO Orig-B 10154

EC-2, 23 SEP 2010 to 21 OCT 2010

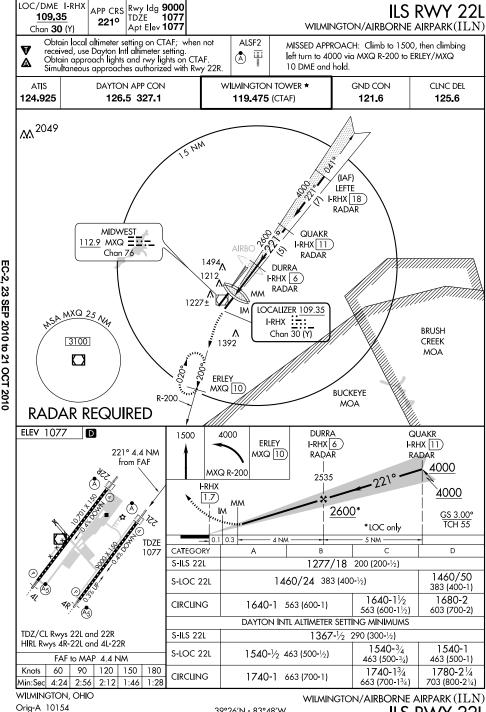
WILMINGTON/AIRBORNE AIRPARK(ILN)

ILS or LOC RWY 4R



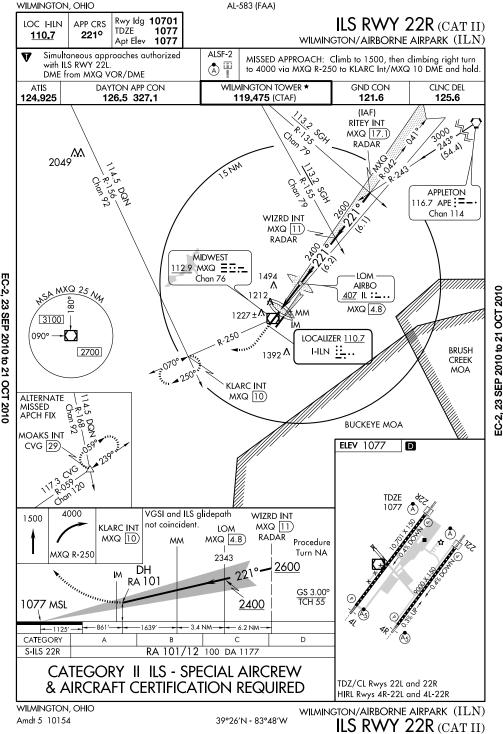


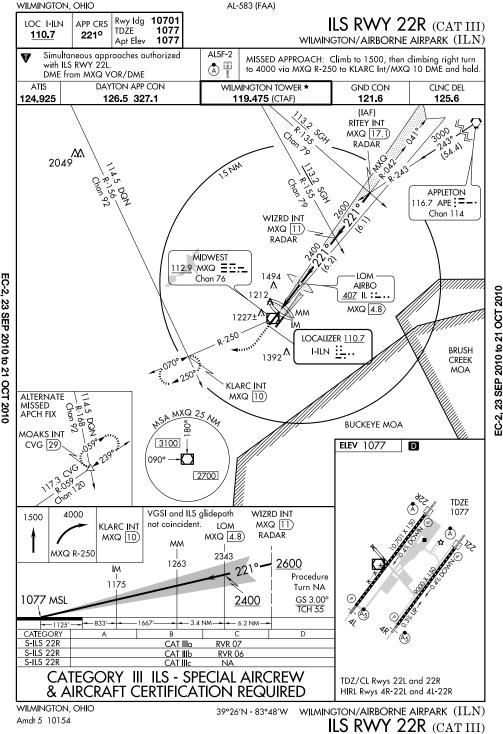
ILS RWY 22L (CAT II)

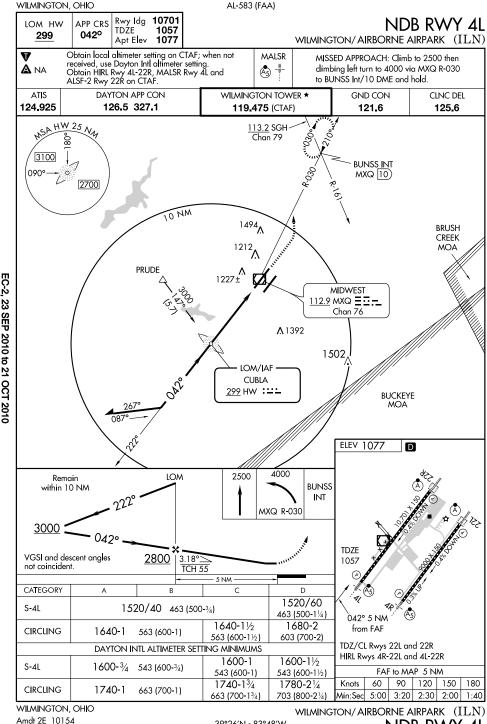


AL-583 (FAA)

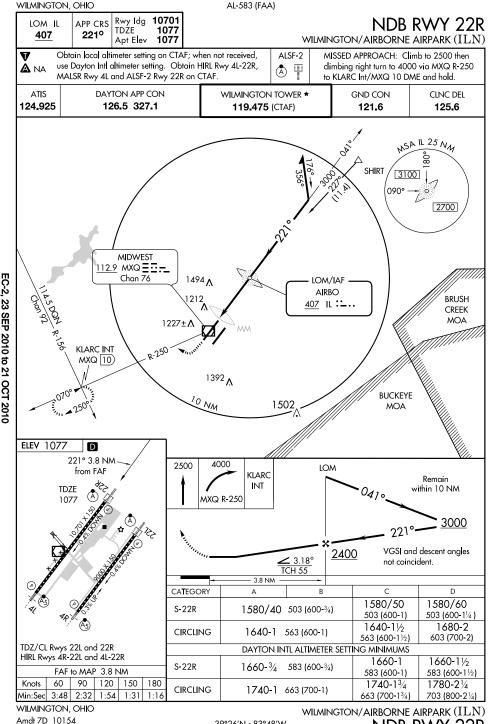
WILMINGTON, OHIO



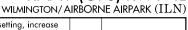




RW NDB



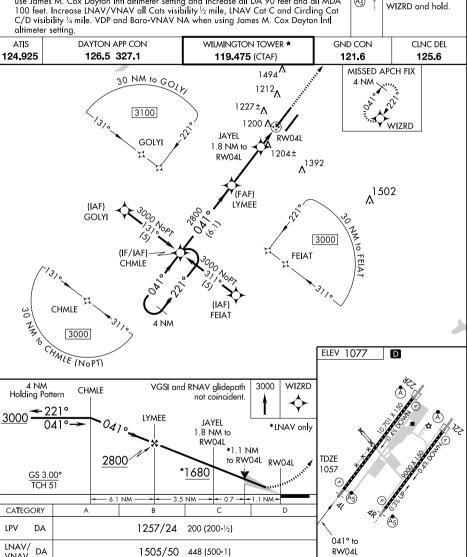
RNAV (GPS) RWY 4L



🔻 For inoperative MALSR when using James M. Cox Dayton Intl altimeter setting, increase LPV visibility to RVR 5000 all Cats. For inoperative MALSR, increase LNAV Cat D visibility to RVR 6000. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 46°C (114°F). DME/DME RNP-0.3 NA, When local altimeter not received. use James M. Cox Dayton Intl altimeter setting and increase all DA 90 feet and all MDA 100 feet. Increase LNÁV/VNAV all Cats visibility ½ mile, LNAV Cat C and Circling Cat C/D visibility ¼ mile. VDP and Baro-VNAV NA when using James M. Cox Dayton Intl

MALSR MISSED APPROACH: Climb to 3000 direct WIZRD and hold.

EC-2, 23 SEP 2010 to 21 OCT 2010



CIRCLING WILMINGTON, OHIO

VNAV

LNAV MDA

EC 2

23 SEP 2010 to 21 OCT 2010

Orig 10154

1460/24 403 (400-1/2)

1640-1 563 (600-1)

WILMINGTON/AIRBORNE AIRPARK (ILN)39°26′N - 83°48′W RNAV

(GPS) RWY 4L

TDZ/CL Rwys 22L and 22R

HIRL Rwys 4R-22L and 4L-22R

1460/40

403 (400-34)

1640-11/2

1460/50

403 (400-1)

1680-2

603 (700-2)

W22A

EC.2

, 23 SEP 2010 to 21 OCT 2010

1077

AL-583 (FAA)

RNAV (GPS) RWY 22R

WILMINGTON/AIRBORNE AIRPARK (ILN)

ALSF-2

T For inoperative ALSF-2 when using James M. Cox Dayton Intl altimeter setting, increase LPV visibility to RVR 5000 all Cats. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 46°C (114°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use James M. Cox Dayton Intl altimeter setting and increase all DA 90 feet and all MDA 100 feet. Increase LNÁV/VNAV visibility to RVR 6000 all Cats. LNAV visibility Cat C to RVR 5000, Cat D to RVR 6000, and Ćirclina

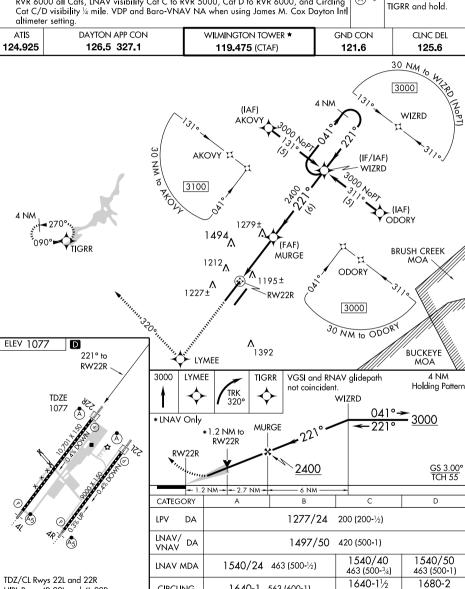
(Ā)

LYMEE and right turn via track 320° to TIGRR and hold.

EC-2, 23 SEP 2010 to 21 OCT 2010

MISSED APPROACH:

Climb to 3000 direct



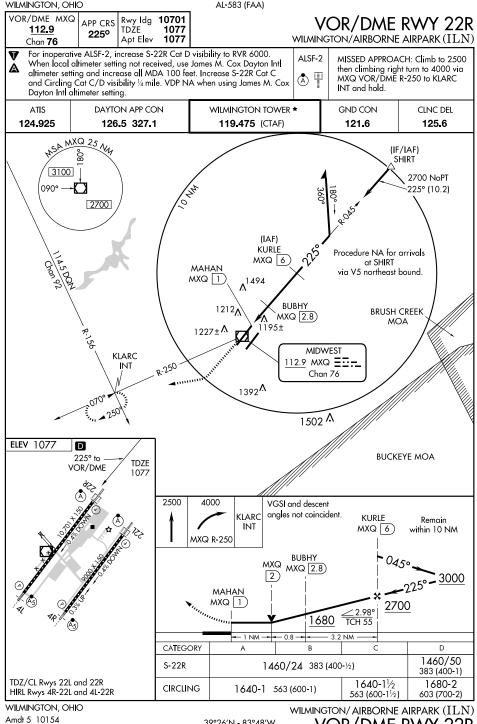
WILMINGTON, OHIO Orig 10154

HIRL Rwys 4R-22L and 4L-22R

603 (700-2)

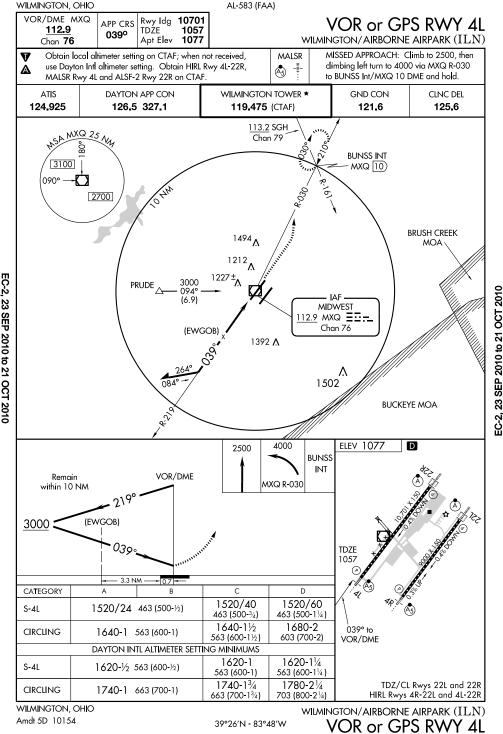
1640-1 563 (600-1)

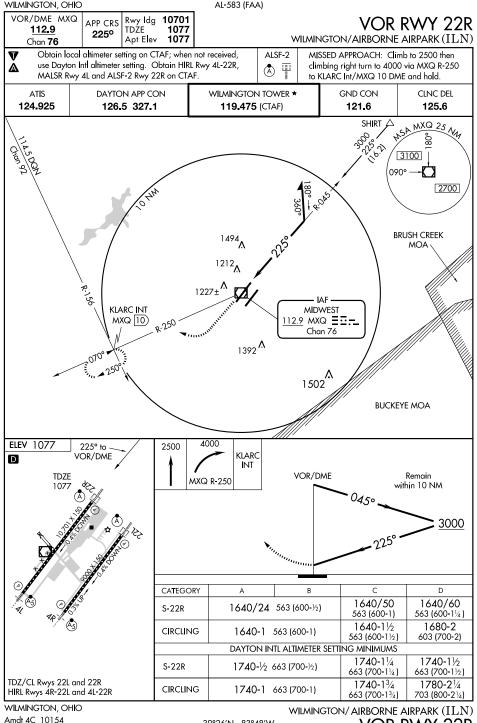
CIRCLING



EC-2, 23 SEP 2010 to 21 OCT 2010

VOR/DME RWY 22R





E C,

23 SEP 2010 to 21 OCT 2010

VOR RWY 22R

269 CLINTON FLD (166) 4 NW UTC-5(-4DT) N39°30.15′ W83°51.80′ CINCINNATI FUEL 100LL, JET A NOTAM FILE DAY 1033 B S4 L-27E

AIRPORT REMARKS: Attended May-Sep 1300-0100Z‡, Oct-Apr 1300-2200Z‡. Fuel Jet A unavbl indef. FBO closed Thanksgiving; Christmas and Easter. After hrs call 937-725-2782. Deer and birds on and invof arpt. ACTIVATE MIRL Rwy 03-21 and PAPI Rwy 03 and Rwy 21-CTAF. WEATHER DATA SOURCES: AWOS-3 124.175 (937) 382-1376.

COMMUNICATIONS: CTAF/UNICOM 123.0 R DAYTON APP/DEP CON 126.5 (091°-180°) 118.85 127.225 RADIO AIDS TO NAVIGATION: NOTAM FILE FFO. MIDWEST (T) VORW/DME 112.9 MXO Chan 76 N39°25.78′ W83°48.07′ 331° 5.2 NM to fld 1050/4W.

RWY 03-21: H3579X65 (ASPH) S-12.5 MIRL 0.3% up NE

RWY 03: PAPI(P2L)-GA 3.0° TCH 20'. Trees.

HOLLISTER FLD (2B6) 5 E UTC-5(-4DT) N39°26.25′ W83°42.50′ 1090 NOTAM FILE DAY RWY 05-23: 3203X80 (TURF)

RWY 05: Thid dspicd 92', Crops. RWY 23: Thid dsplcd 565', P-Line. RWY 13-31: 2670X80 (TURF) RWY 31: Thid dsplcd 732'. Fence. RWY 13: Thid dsplcd 250'. Fence.

AIRPORT REMARKS: Attended daigt hrs. Rwy 13-31 CLOSED indef. CAUTION-pheasants released N side of rwy for hunting Sep-Apr. Model acft radio-control area S of Rwy 23. Call for rwy conditions prior to ldg from Nov-Apr.

Rwy 05-23 dspld thids marked with white tires. Rwy 13-31 dsplcd thids marked with white tires. COMMUNICATIONS: CTAF 122.9 WOOD CO (See BOWLING GREEN)

WOODSFIELD MONROE CO 1 N UTC-5(-4DT) N39°46.74' W81°06.17' (4G5)B S4

FUEL 80. 100LL NOTAM FILE CLE RWY 07-25: H3805X75 (ASPH) S-18 MIRL RWY 07: Thid dspicd 173'. Trees.

RWY 25: REIL. Trees. AIRPORT REMARKS: Attended irregularly, For fuel call 740-472-1882. COMMUNICATIONS: CTAF/UNICOM 122.8

ACTIVATE MIRL Rwy 07-25; rotating bcn and REIL Rwy 25-CTAF. BELLAIRE RCO 122.1R 117.1T (CLEVELAND RADIO) (R) CLEVELAND CENTER APP/DEP CON 120.4 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. BELLAIRE (H) VOR/DME 117.1 AIR Chan 118 N40°01.02'

L-29B €3

W80°49.04' 230° 19.4 NM to fld. 1290/7W. <u>رزز س</u>الت Fair Ground ... WOOSTER

AIRPORT REMARKS: Attended Nov-Apr 1300-2200Z‡, May-Oct Mon-Fri 1200-0000Z‡, May-Oct Sat-Sun

NOTAM FILE BJJ

1400-0000Z‡, Rwy 28 VASI unusable byd 8° left of centerline. HIRL Rwy 10-28 preset low ints dusk-dawn; to

BRIGGS (L) VOR/DME 112.4 BSV Chan 71 N40°44.44′ W81°25.93′ 295° 22.3 NM to fld. 1230/4W.

RWY 28: REIL. VASI(V4R)-GA 3.0° TCH 33'. Thid dspicd 218'. Road.

CLNC DEL 121.75

6 NE UTC-5(-4DT) N40°52.49′ W81°53.30′

FUEL 100LL, JET A1+ OX 4

RWY 10-28: H5191X100 (ASPH) S-30 HIRL 0.5% up E

increase ints and ACTIVATE REIL Rwy 10 and Rwy 28-CTAF. WEATHER DATA SOURCES: ASOS 118.075 (330) 669-9105.

WAYNE CO (BJJ)

RWY 10: REIL. Trees.

COMMUNICATIONS: CTAF/UNICOM 122.8

(R) AKRON-CANTON APP/DEP CON 118.6 (1100-0500Z†)

R CLEVELAND CENTER APP/DEP CON 134.9 (0500-1100Z‡) RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.

DETROIT H-10G, L-29B

IAP

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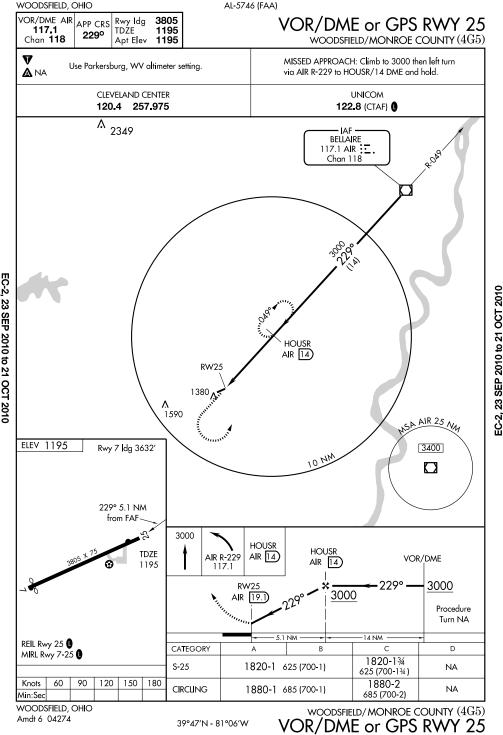
CINCINNATI

IAP

CINCINNATI

IAP

RWY 21: PAPI(P2L)-GA 3.75° TCH 20'. Trees.



269 CLINTON FLD (166) 4 NW UTC-5(-4DT) N39°30.15′ W83°51.80′ CINCINNATI FUEL 100LL, JET A NOTAM FILE DAY 1033 B S4 L-27E

AIRPORT REMARKS: Attended May-Sep 1300-0100Z‡, Oct-Apr 1300-2200Z‡. Fuel Jet A unavbl indef. FBO closed Thanksgiving; Christmas and Easter. After hrs call 937-725-2782. Deer and birds on and invof arpt. ACTIVATE MIRL Rwy 03-21 and PAPI Rwy 03 and Rwy 21-CTAF. WEATHER DATA SOURCES: AWOS-3 124.175 (937) 382-1376.

RWY 21: PAPI(P2L)-GA 3.75° TCH 20'. Trees.

COMMUNICATIONS: CTAF/UNICOM 123.0 R DAYTON APP/DEP CON 126.5 (091°-180°) 118.85 127.225 RADIO AIDS TO NAVIGATION: NOTAM FILE FFO. MIDWEST (T) VORW/DME 112.9 MXO Chan 76 N39°25.78′ W83°48.07′ 331° 5.2 NM to fld 1050/4W.

RWY 03-21: H3579X65 (ASPH) S-12.5 MIRL 0.3% up NE

RWY 03: PAPI(P2L)-GA 3.0° TCH 20'. Trees.

HOLLISTER FLD (2B6) 5 E UTC-5(-4DT) N39°26.25′ W83°42.50′ 1090 NOTAM FILE DAY RWY 05-23: 3203X80 (TURF)

RWY 05: Thid dspicd 92', Crops. RWY 23: Thid dsplcd 565', P-Line. RWY 13-31: 2670X80 (TURF) RWY 31: Thid dsplcd 732'. Fence. RWY 13: Thid dsplcd 250'. Fence. AIRPORT REMARKS: Attended daigt hrs. Rwy 13-31 CLOSED indef. CAUTION-pheasants released N side of rwy for

hunting Sep-Apr. Model acft radio-control area S of Rwy 23. Call for rwy conditions prior to ldg from Nov-Apr. Rwy 05-23 dspld thids marked with white tires. Rwy 13-31 dsplcd thids marked with white tires. COMMUNICATIONS: CTAF 122.9

WOOD CO (See BOWLING GREEN)

WOODSFIELD MONROE CO (4G5)

B S4 FUEL 80. 100LL NOTAM FILE CLE RWY 07-25: H3805X75 (ASPH) S-18 RWY 07: Thid dspicd 173'. Trees.

AIRPORT REMARKS: Attended irregularly, For fuel call 740-472-1882. ACTIVATE MIRL Rwy 07-25; rotating bcn and REIL Rwy 25-CTAF. COMMUNICATIONS: CTAF/UNICOM 122.8

BELLAIRE RCO 122.1R 117.1T (CLEVELAND RADIO) (R) CLEVELAND CENTER APP/DEP CON 120.4 RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. BELLAIRE (H) VOR/DME 117.1 AIR Chan 118 N40°01.02'

W80°49.04' 230° 19.4 NM to fld. 1290/7W.

1 N UTC-5(-4DT) N39°46.74' W81°06.17' MIRL RWY 25: REIL. Trees.

CINCINNATI L-29B IAP €3

IAP

CINCINNATI

DETROIT

IAP

H-10G, L-29B

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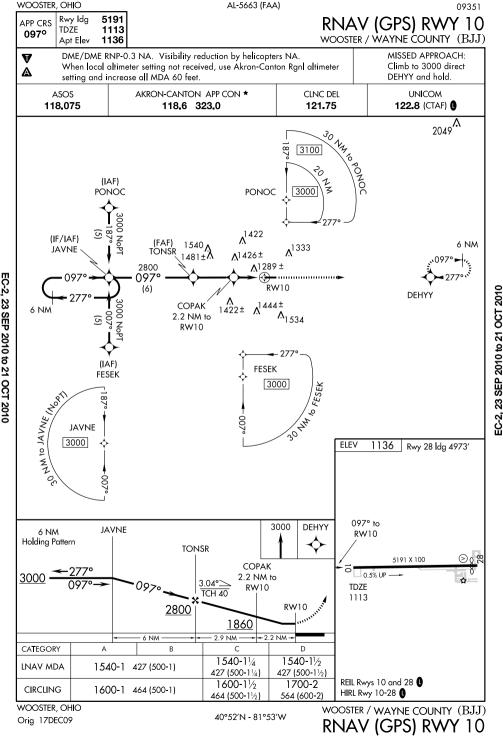
WOOSTER

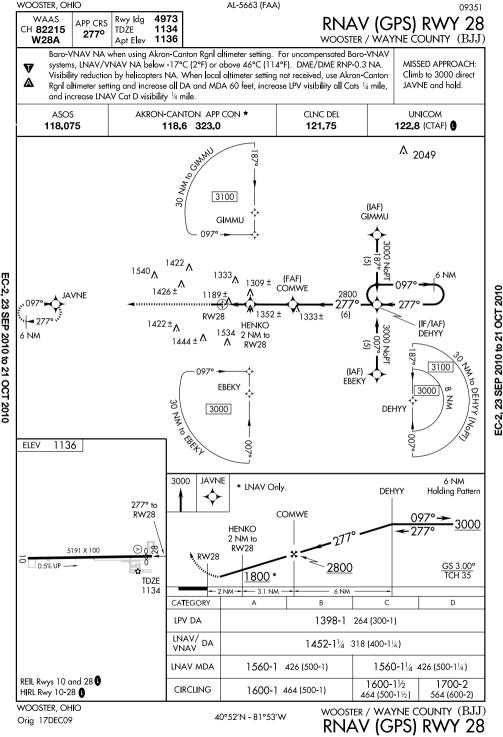
WAYNE CO (BJJ) 6 NE UTC-5(-4DT) N40°52.49′ W81°53.30′ FUEL 100LL, JET A1+ OX 4 NOTAM FILE BJJ RWY 10-28: H5191X100 (ASPH) S-30 HIRL 0.5% up E RWY 10: REIL. Trees.

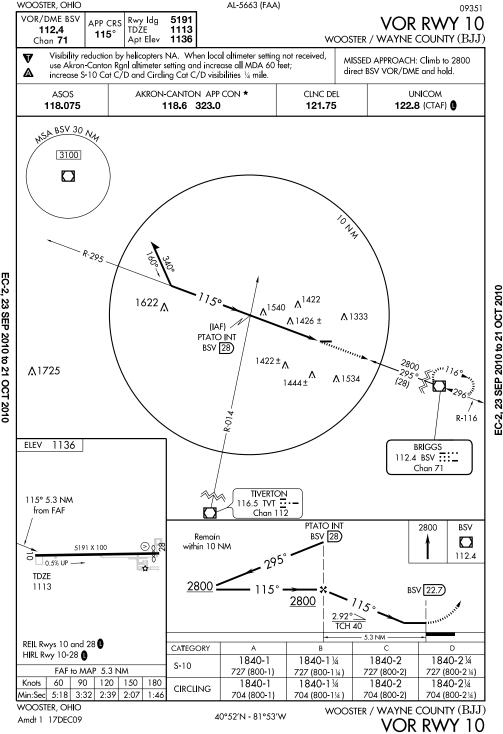
RWY 28: REIL. VASI(V4R)-GA 3.0° TCH 33'. Thid dspicd 218'. Road. AIRPORT REMARKS: Attended Nov-Apr 1300-2200Z‡, May-Oct Mon-Fri 1200-0000Z‡, May-Oct Sat-Sun 1400-0000Z‡, Rwy 28 VASI unusable byd 8° left of centerline. HIRL Rwy 10-28 preset low ints dusk-dawn; to increase ints and ACTIVATE REIL Rwy 10 and Rwy 28-CTAF.

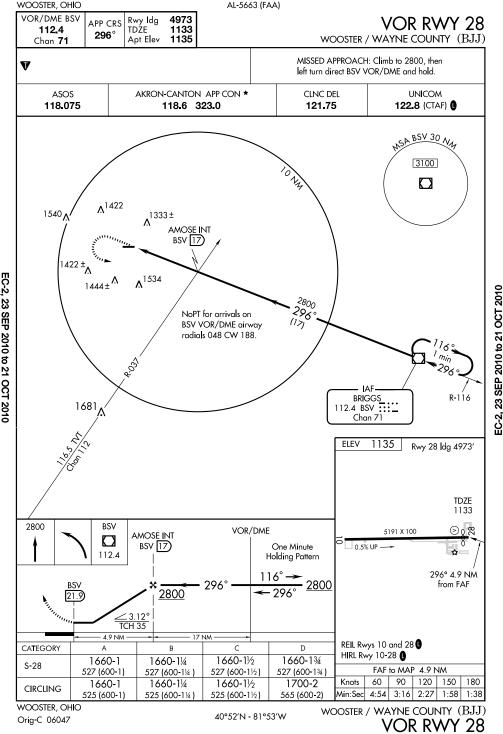
WEATHER DATA SOURCES: ASOS 118.075 (330) 669-9105. COMMUNICATIONS: CTAF/UNICOM 122.8

(R) AKRON-CANTON APP/DEP CON 118.6 (1100-0500Z†) **CLNC DEL** 121.75 R CLEVELAND CENTER APP/DEP CON 134.9 (0500-1100Z‡) RADIO AIDS TO NAVIGATION: NOTAM FILE CLE. BRIGGS (L) VOR/DME 112.4 BSV Chan 71 N40°44.44′ W81°25.93′ 295° 22.3 NM to fld. 1230/4W.









OHIO 271 YOUNGSTOWN

LANSDOWNE (Ø4G) 2 NE UTC-5(-4DT) N41°07.83′ W80°37.18′ 1044 NOTAM FILE CLE

RWY 02-20: H3073X50 (ASPH) S-7.5 0.9% up N RWY 20. Trees RWY N2. Trees AIRPORT REMARKS: Unattended, Arpt CLOSED indef, Rwy 02-20 vegetation in cracks, last 500' Rwy 12 depressions in

1070 B S4 FUEL 100LL JET A OX 1, 2 NOTAM FILE CLE

payement, Ramp in poor condition; breaking payement. WEATHER DATA SOURCES: HIWAS 109.0 YNG. COMMUNICATIONS: CTAF/UNICOM 122.8

(R) YOUNGSTOWN APP/DEP CON 133.95 (1100-0500Z±) (R) CLEVELAND CENTER APP/DEP CON 120,775 (0500-1100Z±)

RADIO AIDS TO NAVIGATION: NOTAM FILE YNG

YOUNGSTOWN (L) VORTAC 109.0 YNC Chan 27 N41°19.86' W80°40.48' 173° 12.3 NM to fld. 1160/5W.

2AWIH HUBBARD NDB (MHW) 408 HBD N41°09.17′ W80°31.89′ 259° 4.2 NM to fld. NOTAM FILE CLE.

RWY 10-28: H4012X50 (ASPH) MIRL 1.4% up E

RWY 10: REIL, PAPI(P2L), Thid dsplcd 348', Trees. RWY 28: REIL, PAPI(P2L)—GA 3.75°, Thid dsplcd 260', Trees. AIRPORT REMARKS: Attended 1300-dusk, Twr 1085' AGL (2118' MSL) 7.5 NM NNE. Rwv 28 PAPI OTS indef.

WEATHER DATA SOURCES: HIWAS 109.0 YNG. COMMUNICATIONS: CTAF/UNICOM 123.05 **CLNC DEL** 119.25

(R) AKRON-CANTON APP/DEP CON 125.5 (1100-0500Z‡) RADIO AIDS TO NAVIGATION: NOTAM FILE CAK

(R) CLEVELAND CENTER APP/DEP CON 128.15 (0500-1100Z±) AKRON (L) VOR/DME 114.4 ACO Chan 91 N41°06.47' W81°12.09' 114° 25.4 NM to fld. 1194/4W.

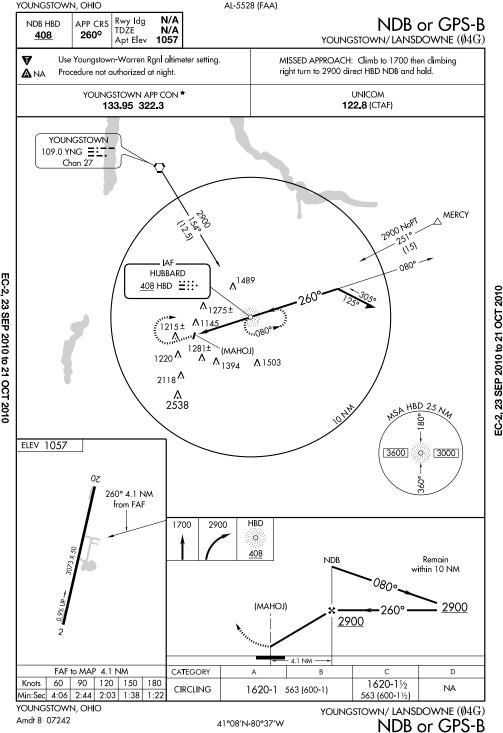
YOUNGSTOWN ELSER METRO (4G4) 7 SW UTC-5(-4DT) N40°57.71′ W80°40.64′ DETROIT 1-30H IAP

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DETROIT

1-30H

IAP



OHIO 271 YOUNGSTOWN

LANSDOWNE (Ø4G) 2 NE UTC-5(-4DT) N41°07.83′ W80°37.18′ 1044 NOTAM FILE CLE

RWY 02-20: H3073X50 (ASPH) S-7.5 0.9% up N RWY 20. Trees RWY N2. Trees AIRPORT REMARKS: Unattended, Arpt CLOSED indef, Rwy 02-20 vegetation in cracks, last 500' Rwy 12 depressions in

1070 B S4 FUEL 100LL JET A OX 1, 2 NOTAM FILE CLE

payement, Ramp in poor condition; breaking payement. WEATHER DATA SOURCES: HIWAS 109.0 YNG. COMMUNICATIONS: CTAF/UNICOM 122.8

(R) YOUNGSTOWN APP/DEP CON 133.95 (1100-0500Z±) (R) CLEVELAND CENTER APP/DEP CON 120,775 (0500-1100Z±)

RADIO AIDS TO NAVIGATION: NOTAM FILE YNG

YOUNGSTOWN (L) VORTAC 109.0 YNC Chan 27 N41°19.86' W80°40.48' 173° 12.3 NM to fld. 1160/5W.

2AWIH HUBBARD NDB (MHW) 408 HBD N41°09.17′ W80°31.89′ 259° 4.2 NM to fld. NOTAM FILE CLE.

RWY 10-28: H4012X50 (ASPH) MIRL 1.4% up E

RWY 10: REIL, PAPI(P2L), Thid dsplcd 348', Trees. RWY 28: REIL, PAPI(P2L)—GA 3.75°, Thid dsplcd 260', Trees. AIRPORT REMARKS: Attended 1300-dusk, Twr 1085' AGL (2118' MSL) 7.5 NM NNE. Rwv 28 PAPI OTS indef.

WEATHER DATA SOURCES: HIWAS 109.0 YNG. COMMUNICATIONS: CTAF/UNICOM 123.05 **CLNC DEL** 119.25

(R) AKRON-CANTON APP/DEP CON 125.5 (1100-0500Z‡) RADIO AIDS TO NAVIGATION: NOTAM FILE CAK

(R) CLEVELAND CENTER APP/DEP CON 128.15 (0500-1100Z±) AKRON (L) VOR/DME 114.4 ACO Chan 91 N41°06.47' W81°12.09' 114° 25.4 NM to fld. 1194/4W.

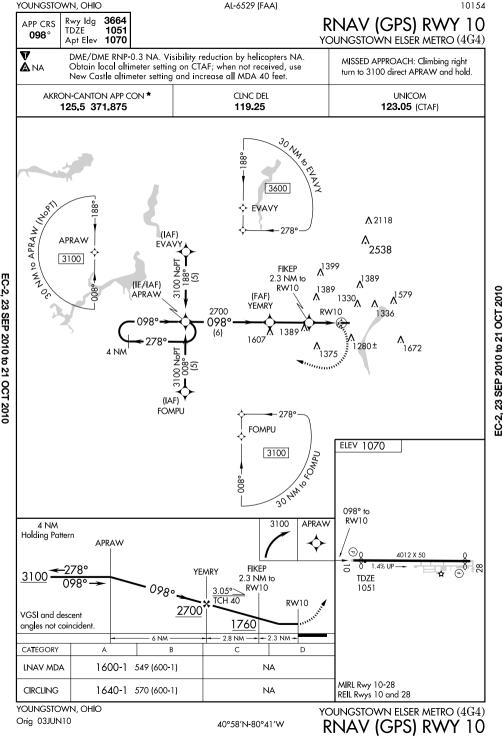
YOUNGSTOWN ELSER METRO (4G4) 7 SW UTC-5(-4DT) N40°57.71′ W80°40.64′ DETROIT 1-30H IAP

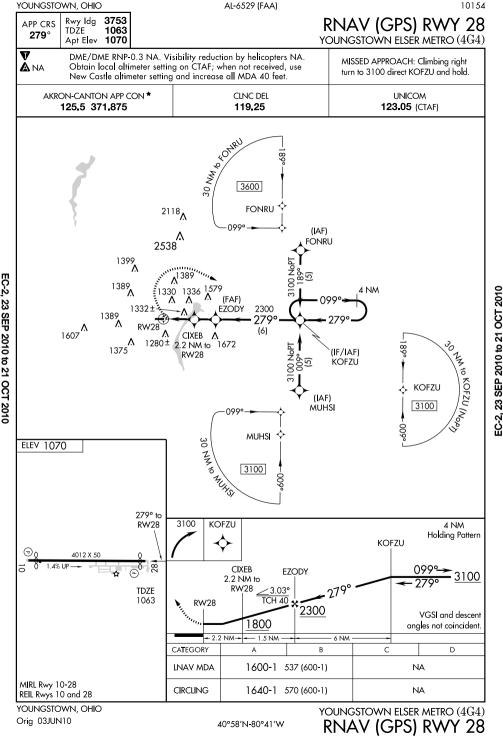
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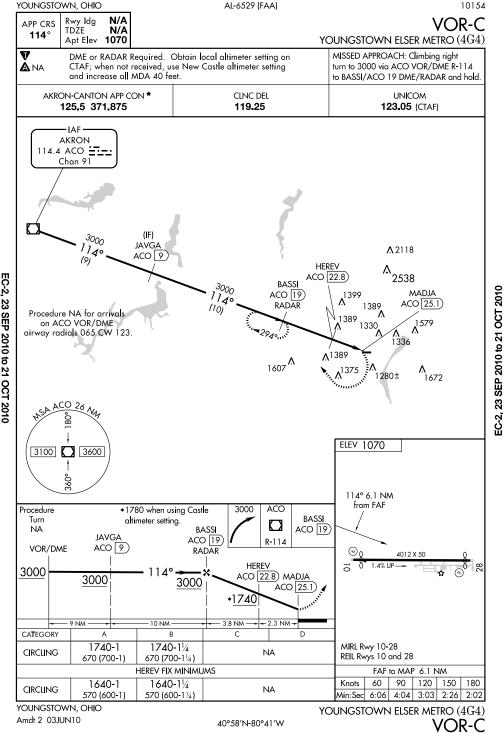
DETROIT

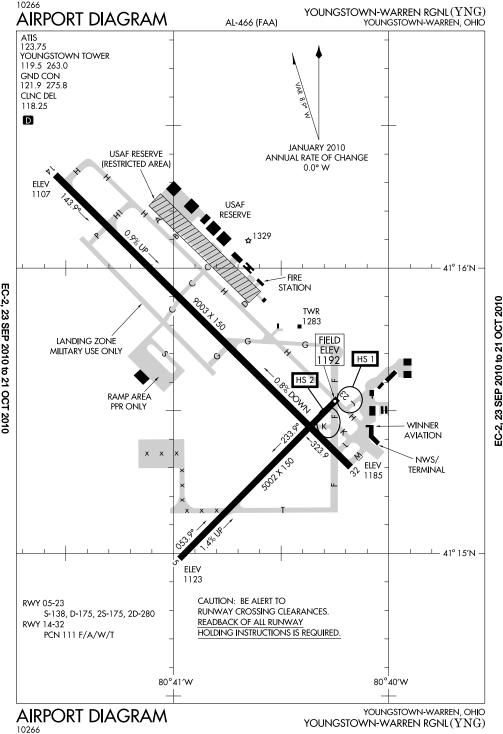
1-30H

IAP









272 OHIO

NOTAM FILE YNG

YOUNGSTOWN/WARREN

YOUNGSTOWN-WARREN RGNL

B S4

RWY 14-32: H9003X150 (ASPH-GRVD) PCN 111 F/A/W/T HIRI

10 N UTC-5(-4DT) N41°15.64′ W80°40.75′

ARFF Index-See Remarks

Only

Ramp Area

188° 4.2 NM to fld. 1160/5W. HIWAS.

PPR Only

H-10G, L-30H IAP. AD

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DETROIT

L-29B

USAF Reserve

Restricted Area

DETROIT

RWY 14: MALSR. PAPI(P4L). 0.9% up.

RWY 32: MALSR, PAPI(P4L)-GA 3.0° TCH 40', Trees, 0.8% down

(YNG)

FUEL 100LL JET A 0X 1, 2, 3, 4

RWY 05-23: H5002X150 (ASPH-GRVD) S-138, D-175, 2S-175.

2D-280 MIRL 1.4% up NE RWY 05: REIL. VASI(V4L)-GA 3.25° TCH 51'. Trees.

RWY 23: REIL. PAPI(P4R)-GA 3.0° TCH 24'.

RWY 143-323: H3500X60 (ASPH)

RIINWAY DECLARED DISTANCE INFORMATION

RWY N5.

TORA-5002 TODA-5002 ASDA-5002 LDA-5002

RWY 14-TORA-9003 TODA-9003 ASDA-9003 LDA-9003

RWY 23: TORA-5002 TODA-5002 ASDA-5002 LDA-5002

RWY 32:

TORA-9003 TODA-9003 ASDA-9003 LDA-9003

RWY 143: TORA-3500 TODA-3500 ASDA-3500 LDA-3500

RWY 323: TORA-3500 TODA-3500 ASDA-3500 LDA-3500

AIRPORT REMARKS: Attended continuously. Deer and bird haz, All military acft ctc Vader ops for bird watch condition. Rwy 143-323

used as a military assault strip. Hold short signs Twy H1 OTS until further notice, Class I, ARFF Index B, PPR for ARFF Index D call 330-609-1369. Twy G East of Twy H and Twy F North of Rwy

general aviation parking not visible from the NW portion of Twy H. Military ramp for military use only. Ldg fee for acft over 5.000 lbs gross weight.

WEATHER DATA SOURCES: ASOS (330) 856-9357. HIWAS 109.0 YNG. COMMUNICATIONS: ATIS 123.75 UNICOM 122.95

RCO 122.2 122.1R 109.0T (CLEVELAND RADIO)

R APP/DEP CON 133.95 127.15 (1100-0500Z‡)

R CLEVELAND CENTER APP/DEP CON 120.775 (0500-1100Z‡) **TOWER** 119.5 GND CON 121.9 CLNC DEL 118.25

AIRSPACE: TRSA svc ctc APP CON within 20 NM.

RADIO AIDS TO NAVIGATION: NOTAM FILE YNG.

(L) VORTAC 109.0 YNG Chan 27 N41°19.86′ W80°40.48′

VOR unusable 015°-179° blo 5000' and 180°-014° byd 25 NM blo 5000'.

FETCH NDB (LOM) 338 YN N41°12.03′ W80°35.77′ 322° 5.2 NM to fld. Unmonitored. LOM unusable byd 10

NM.

ILS 110.1 I-YNG Rwy 32. Class IA. LOM FETCH NDB, NDB unmonitored, LOM unusable bvd 10 NM.

IIS 110 1 I-MOK Rwv 14. Class IA. OM unmonitored ASR (1100-0500Z‡)

ZANESVILLE PARR

(421)UTC-5(-4DT) N40°00.42′ W82°00.74′

S4 FUEL 100LL NOTAM FILE CLE RWY 10-28: H3100X26 (ASPH) S-10 LIRL

RWY 10: Trees. RWY 28: Thid dspicd 61'. Trees. Rgt tfc.

AIRPORT REMARKS: Attended 1400Z‡-dark, holidays 1700Z‡-dark. For LIRL Rwy 10-28 key 122.8 five times on; eight times slowly to deactivate. Rwy 10-28 NSTD LIRL.

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE ZZV.

ZANESVILLE (L) VOR/DME 111.4 ZZV Chan 51 N39°56.45′ W81°53.56′ 312° 6.8 NM to fld. 900/6W.

05-23 clsd to acft over 50,000 pounds gross weight. Twy T W of Rwy 05-23 closed indef. Terminal ramp and

HOT SPOTS

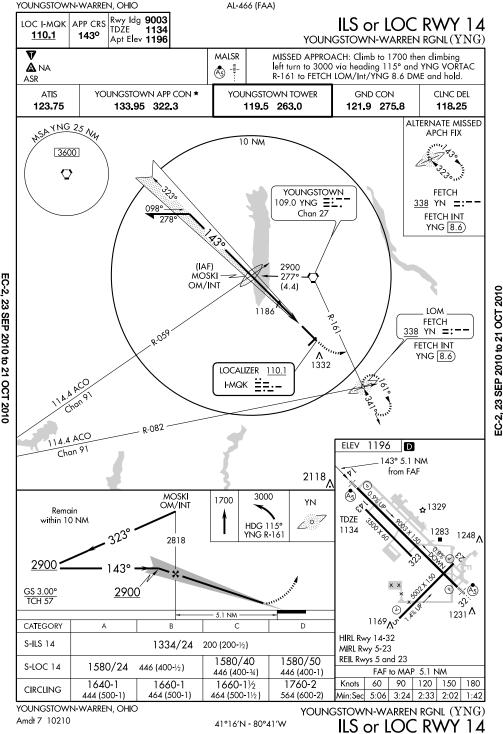
An "airport surface hot spot" is a location on an aerodrome movement area with a history or potential risk of collision or runway incursion, and where heightened attention by pilots/drivers is necessary.

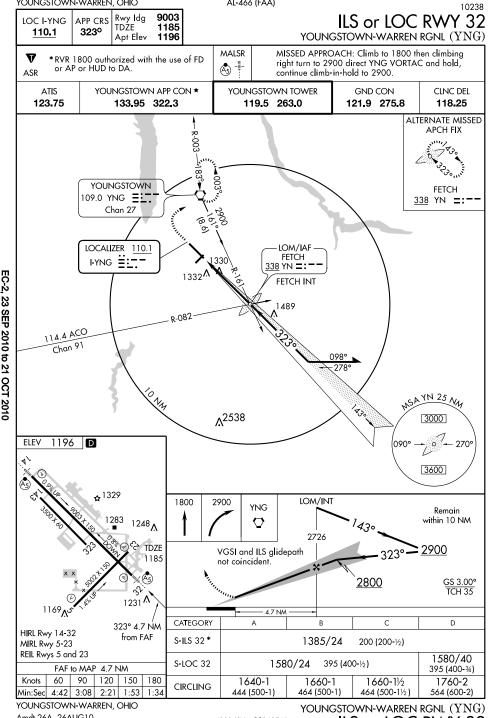
A "hot spot" is a runway safety related problem area on an airport that presents increased risk during surface operations. Typically it is a complex or confusing taxiway/taxiway or taxiway/runway intersection. The area of increased risk has either a history of or potential for runway incursions or surface incidents, due to a variety of causes, such as but not limited to: airport layout, traffic flow, airport marking, signage and lighting, situational awareness, and training. Hot spots are depicted on airport diagrams as open circles or polygons designated as "HS 1", "HS 2", etc. and tabulated in the list below with a brief description of each hot spot. Hot spots will remain charted on airport diagrams until such time the increased risk has been reduced or eliminated.

increased risk has been reduced or eliminated.		
CITY/AIRPORT	HOT SPOT	DESCRIPTION*
AKRON, OH		
AKRON-CANTON RGNL (CAK)	HS 1 HS 2 HS 3	ILS hold short line proximity to transient parking ramp. Rwy 01-19 and Rwy 05-23 hold short line on Twy C east of Rwy 01-19. Hold short lines on Twy K between Rwy 01-19 and Rwy 05-23 are nearly co-located.
CINCINNATI, OH		05-25 are ricarry co-located.
CINCINNATI MUNI		
AIRPORT-LUNKEN FIELD (LUK)	HS 1 HS 2 HS 3	Twy C and Rwy 03L apch area. Twy A and Rwy 21R. Departing acft on Rwy 21L can expect to hold short of Rwy 25 on Twy A.
	HS 4	Terminal ramp and Rwy 07, need ATC authorization to depart terminal ramp area.
CLEVELAND, OH		
CLEVELAND-HOPKINS		
INTL (CLE)	HS 1 HS 2	Complex int of Rwy 06R-24L and Twy S, Twy L. Complex int of Rwy 06R-24L and Twy R, Twy L.
COLUMBUS, OH		
OHIO STATE UNIVERSITY (OSU)	HS 1	When holding short of Rwy 09R, aircraft must clear Rwy 05 hold short line on Twy A, west of Rwy 05.
	HS 2	Rwy 05 hold short line close proximity to west ramp on Twy A.
	HS 3	Wrong rwy departure risk: Rwy 32 is not visible from hold short lines on Twy D.
	HS 4	Successive hold short lines on Twy A east of Twy D define Rwy 32 apch zone.
COLUMBUS, OH		
PORT COLUMBUS INTL (CMH)	HS 1 HS 2 HS 3	Full length departures for Rwy 28L expect Twy F. Complex rwy/twy int. Area not visible from the twr.
EVANSVILLE, IN	1100	Area not visible from the twi.
EVANSVILLE RGNL (EVV)	HS 1 HS 2 HS 3	Pilots taxiing to Rwy 09 enter the rwy mid-field. Rwy 27 and Twy A. Rwy 18-36 in close proximity to General Aviation Ramp.
	HS 4	Rwy 18-36 in close proximity to General Aviation Ramp.
YOUNGSTOWN-WARREN, OH YOUNGSTOWN-WARREN		
RGNL (YNG)	HS 1 HS 2	Rwy 23 hold short line on Twy H southeast of Rwy 23. Complex Twy K-Twy F int.

23 SEP 2010 to 21 OCT 2010

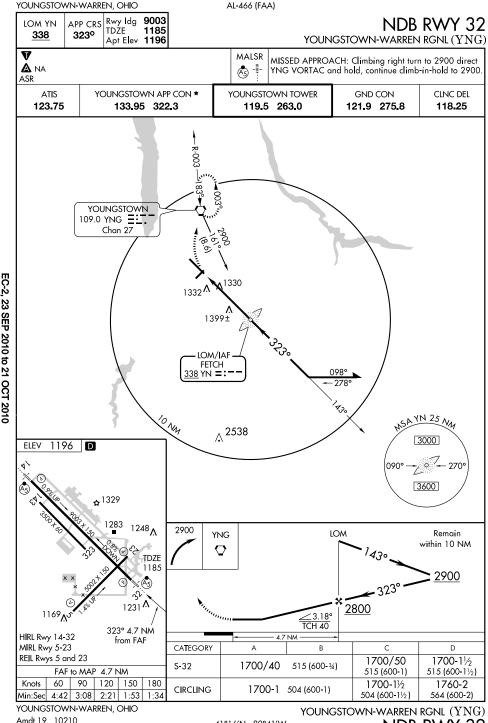
^{*}See appropriate A/FD, Alaska or Pacific Supplement HOT SPOT table for additional information.





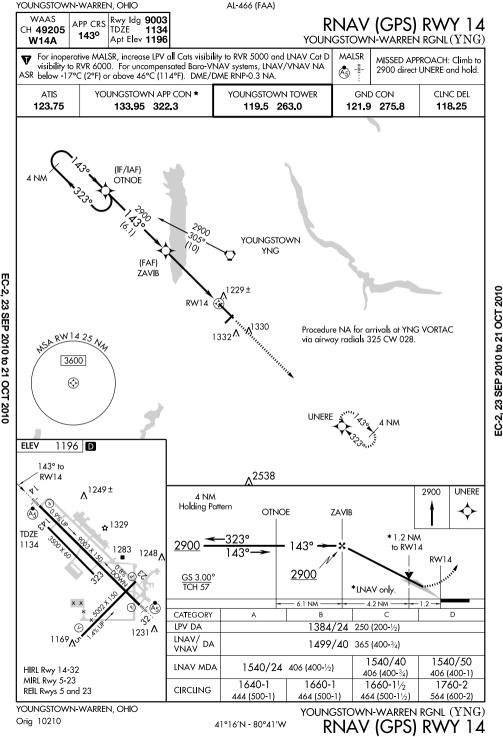
AL-466 (FAA)

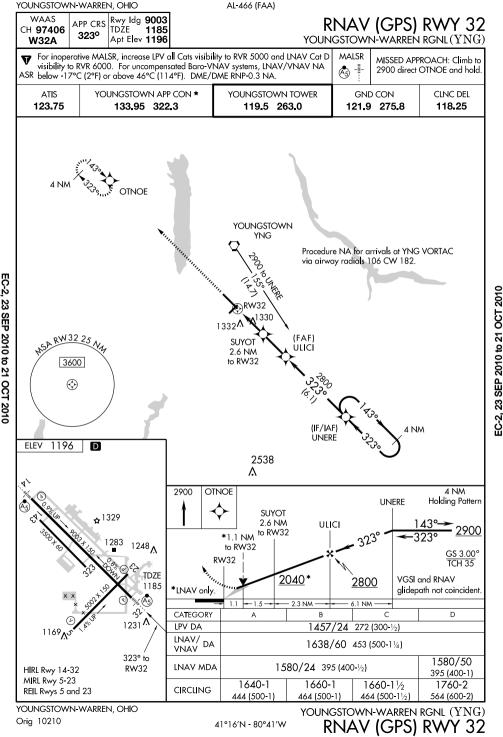
YOUNGSTOWN-WARREN, OHIO

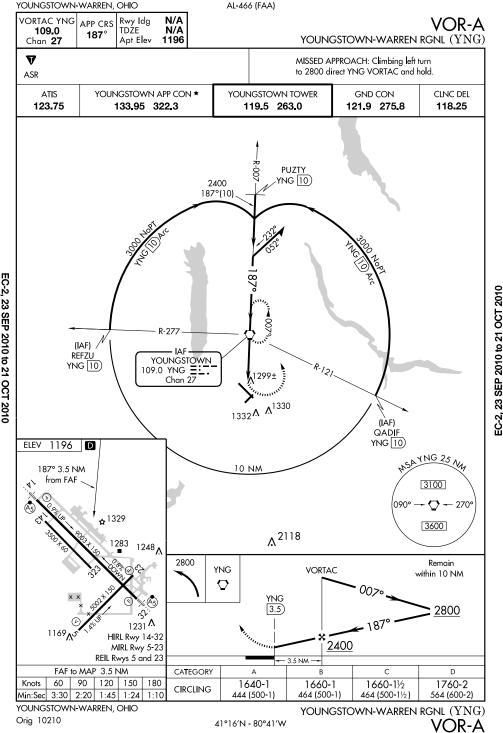


Amdt 19 10210

NDB RWY 32







OHIO 273

FUEL 80, 100LL, JET A1 + OX 4 TPA—1900(1000) NOTAM FILE ZZV RWY 04-22: H5000X150 (ASPH-CONC) S-38, D-50, 2D-75 HIRL 0.5% up SW RWY 04: REIL. PAPI(P4R)—GA 3.0° TCH 35', Trees.

(ZZV) 5 E UTC-5(-4DT) N39°56.67′ W81°53.53′

RWY 22: REIL. PAPI(P4L). RWY 16-34: H4999X150 (ASPH-CONC) S-38, D-50.

ZANESVILLE MUNI

2D-75 MIRL 0.6% up SE

RWY 16: REIL. Trees. RWY 34: REIL. PAPI(P4L). Trees.

AIRPORT REMARKS: Attended Mon-Fri 1200-0100Z±, Sat-Sun 1300-2300Z±. Deer and birds on and invof arpt, Rwv 16-34 rwv

cracking. Acft not visible from end to end. Twy A and Twy B Igts

OTS indef. HIRL Rwy 04-22, MIRL Rwy 16-34, REIL Rwy 04, Rwy 22. Rwv 16 and Rwv 34 NSTD pilot controlled, ACTIVATE—CTAF, 5 clicks on, 7 clicks off, Rotating bcn OTS indef, Rwy 04-22 and

Rwy 16-34 are concrete with asphalt overlays. Rwy 16-34 75 ft new overlay in center sides are poor. WEATHER DATA SOURCES: ASOS 111.4 ZZV (740) 453-8139.

COMMUNICATIONS: CTAF/UNICOM 123.0 RCO 122.1R 111.4T (CLEVELAND RADIO)

RCO 122.5 122.2 (CLEVELAND RADIO) INDIANAPOLIS CENTER APP/DEP CON 124.45 RADIO AIDS TO NAVIGATION: NOTAM FILE 77V.

I_TNF

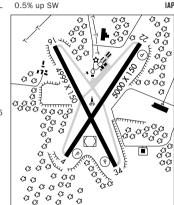
ILS/DMF 109 95

77V at fld. 900/6W. ASOS. (L) VOR/DMF 111.4 Chan 51 N39°56 45′ W81°53 56′ NDB (MHW) 204 HRA N39°54.38′ W81°55.16′ 035° 2.6 NM to fld. Unmonitored, NDB OTS indef.

Unmonitored

Rwv 22.

SHUTDOWN Chan 36(Y)



CINCINNATI

H-10G, L-29B

